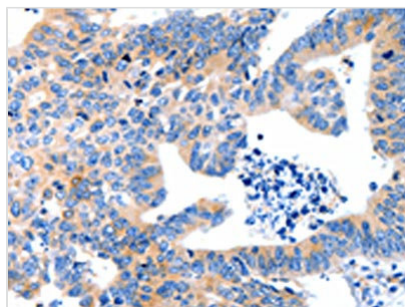




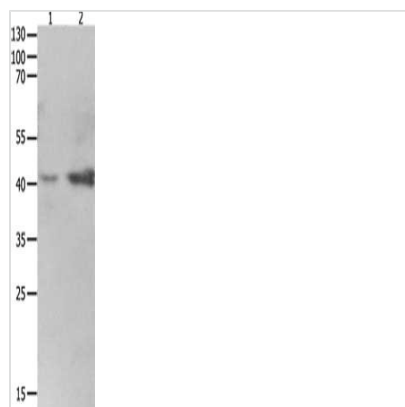
# LRPAP1 Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
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| <b>Product Code</b>        | CSB-PA156966                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Uniprot No.</b>         | P30533                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>           | Synthetic peptide of Human LRPAP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species Reactivity</b>  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Tested Applications</b> | ELISA,WB,IHC;ELISA:1:1000-1:5000,WB:1:500-1:2000,IHC:1:50-1:200                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Relevance</b>           | Low density lipoprotein receptor-related protein associated protein 1 also known as LRPAP1 or RAP is a chaperone protein which in humans is encoded by the LRPAP1 gene. LRPAP1 is involved with trafficking of certain members of the LDL receptor family including LRP1 and LRP2. It is a glycoprotein that binds to the alpha-2-macroglobulin receptor, as well as to other members of the low density lipoprotein receptor family. It acts to inhibit the binding of all know ligands for these receptors, and may prevent receptor aggregation and degradation in the endoplasmic reticulum, thereby acting as a molecular chaperone. It may be under the regulatory control of calmodulin, since it is able to bind calmodulin and be phosphorylated by calmodulin-dependent kinase II. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Storage Buffer</b>      | -20°C, pH7.4 PBS, 0.05% NaN3, 40% Glycerol                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Purification Method</b> | Antigen affinity purification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Target Names</b>        | LRPAP1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

## Image



The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using CSB-PA156966(LRPAP1 Antibody) at dilution 1/100, on the right is treated with synthetic peptide. (Original magnification: ×200)



Gel: 10%SDS-PAGE, Lysate: 40  $\mu$ g, Lane 1-2:  
293T cells, Human fetal kidney tissue, Primary  
antibody: CSB-PA156966(LRPAP1 Antibody) at  
dilution 1/1600, Secondary antibody: Goat anti  
rabbit IgG at 1/8000 dilution, Exposure time: 2  
minutes