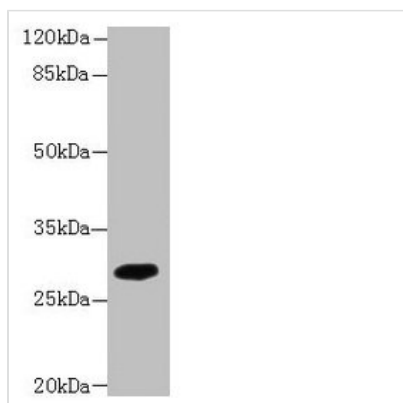


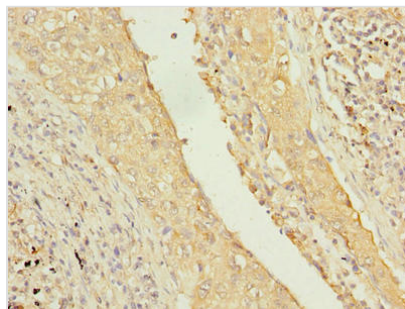
# PIP4P2 Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                               |
|----------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA023855LA01HU                                                                                                                                                                                                                                                                                                                                                            |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                 |
| <b>Uniprot No.</b>         | Q8N4L2                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Immunogen</b>           | Recombinant Human Type 2 phosphatidylinositol 4,5-bisphosphate 4-phosphatase protein (1-191AA)                                                                                                                                                                                                                                                                                |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Species Reactivity</b>  | Human, Mouse                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Tested Applications</b> | ELISA, WB, IHC, IF; Recommended dilution: WB:1:500-1:2000, IHC:1:20-1:200, IF:1:50-1:200                                                                                                                                                                                                                                                                                      |
| <b>Relevance</b>           | Catalyzes the hydrolysis of the 4-position phosphate of phosphatidylinositol 4,5-bisphosphate. Does not hydrolyze phosphatidylinositol 3,4,5-trisphosphate, phosphatidylinositol 3,4-bisphosphate, inositol 3,5-bisphosphate, inositol 3,4-bisphosphate, phosphatidylinositol 5-monophosphate, phosphatidylinositol 4-monophosphate and phosphatidylinositol 3-monophosphate. |
| <b>Form</b>                | Liquid                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Conjugate</b>           | Non-conjugated                                                                                                                                                                                                                                                                                                                                                                |
| <b>Storage Buffer</b>      | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4                                                                                                                                                                                                                                                                                              |
| <b>Purification Method</b> | >95%, Protein G purified                                                                                                                                                                                                                                                                                                                                                      |
| <b>Isotype</b>             | IgG                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                    |
| <b>Alias</b>               | Type 2 phosphatidylinositol 4,5-bisphosphate 4-phosphatase (Type 2 PtdIns-4,5-P2 4-Ptase) (EC 3.1.3.78) (PtdIns-4,5-P2 4-Ptase II) (Transmembrane protein 55A), PIP4P2, TMEM55A                                                                                                                                                                                               |
| <b>Species</b>             | Human                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Research Area</b>       | Cardiovascular                                                                                                                                                                                                                                                                                                                                                                |
| <b>Target Names</b>        | PIP4P2                                                                                                                                                                                                                                                                                                                                                                        |

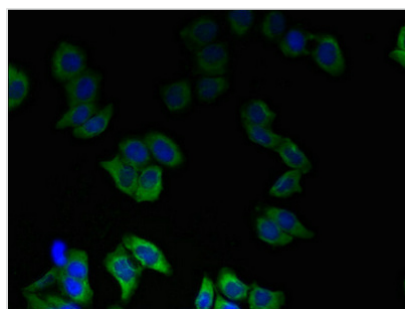
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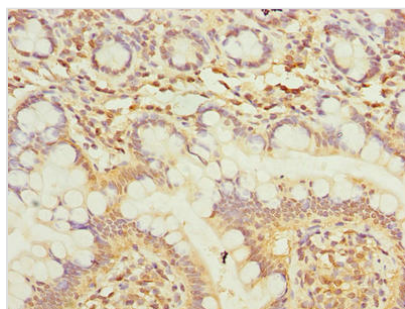
Western blot  
All lanes: PIP4P2 antibody at 5µg/ml + Mouse liver tissue  
Secondary  
Goat polyclonal to rabbit IgG at 1/10000 dilution  
Predicted band size: 29 kDa  
Observed band size: 29 kDa



Immunohistochemistry of paraffin-embedded human lung cancer using CSB-PA023855LA01HU at dilution of 1:100



Immunofluorescent analysis of LO2 cells using CSB-PA023855LA01HU at dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



Immunohistochemistry of paraffin-embedded human small intestine tissue using CSB-PA023855LA01HU at dilution of 1:100