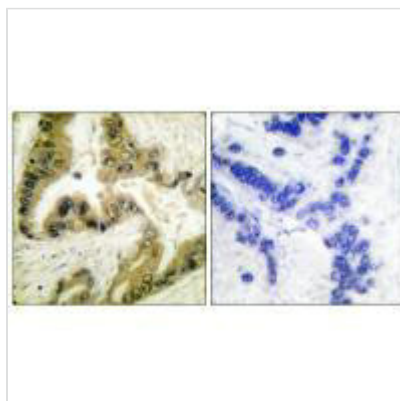




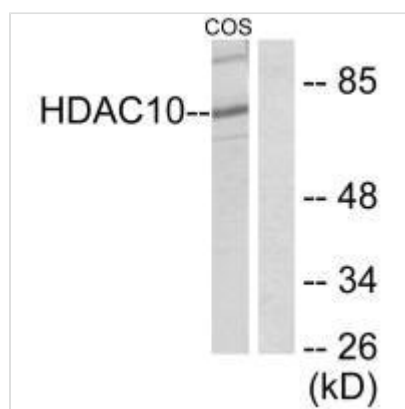
# HDAC10 Antibody

|                            |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
|----------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Product Code</b>        | CSB-PA249520                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| <b>Storage</b>             | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Uniprot No.</b>         | Q969S8                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Immunogen</b>           | Synthesized peptide derived from Human HDAC10.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               |
| <b>Raised In</b>           | Rabbit                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| <b>Species Reactivity</b>  | Human,Mouse,Rat                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Specificity</b>         | The antibody detects endogenous levels of total HDAC10 protein.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |
| <b>Tested Applications</b> | ELISA,WB,IHC;WB:1:500-1:3000,IHC:1:50-1:100                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| <b>Relevance</b>           | <p>Responsible for the deacetylation of lysine residues on the N-terminal part of the core histones (H2A, H2B, H3 and H4). Histone deacetylation gives a tag for epigenetic repression and plays an important role in transcriptional regulation, cell cycle progression and developmental events. Histone deacetylases act via the formation of large multiprotein complexes.</p> <p>Jenny J. Tong, Nucleic Acids Res., Mar 2002; 30: 1114 - 1123.<br/> Hung-Ying Kao, J. Biol. Chem., Jan 2002; 277: 187 - 193.<br/> Denise D. Fischer, J. Biol. Chem., Feb 2002; 277: 6656 - 6666.<br/> Matthew H. Brush, J. Biol. Chem., Feb 2004; 279: 7685 - 7691.</p> |
| <b>Form</b>                | Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| <b>Purification Method</b> | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| <b>Clonality</b>           | Polyclonal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>Alias</b>               | Histone deacetylase 10; HD10;                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |
| <b>Product Type</b>        | Polyclonal Antibody                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
| <b>Species</b>             | Homo sapiens (Human)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| <b>Target Names</b>        | HDAC10                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |

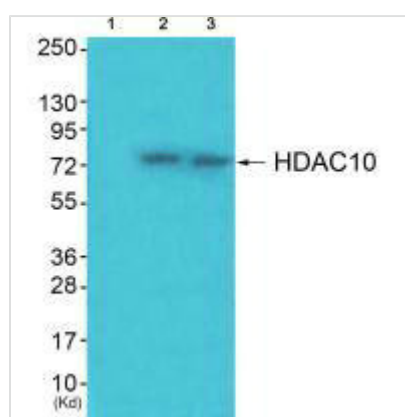
## Image



Immunohistochemical analysis of paraffin-embedded human lung carcinoma tissue using HDAC10 antibody.



Western blot analysis of extracts from COS7 cells, using HDAC10 antibody.



Western blot analysis of extracts from JK cells (Lane 2) and cos-7 cells (Lane 3), using HDAC10 antibody. The lane on the left is treated with synthesized peptide.