

SAP18 rabbit pAb

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| Catalog No : | YT7513 |
| Reactivity : | Human;Mouse |
| Applications : | WB;IHC |
| Target : | SAP18 |
| Fields : | >>Nucleocytoplasmic transport;>>mRNA surveillance pathway |
| Gene Name : | SAP18 GIG38 |
| Protein Name : | SAP18 |
| Human Gene Id : | 10284 |
| Human Swiss Prot No : | O00422 |
| Mouse Gene Id : | 20220 |
| Mouse Swiss Prot No : | O55128 |
| Immunogen : | Synthesized peptide derived from human SAP18 |
| Specificity : | This antibody detects endogenous levels of SAP18 at Human/Mouse |
| Formulation : | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source : | Polyclonal, Rabbit,IgG |
| Dilution : | WB 1:500-2000;IHC 1:50-300 |
| Purification : | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Concentration : | 1 mg/ml |

Storage Stability : -15°C to -25°C/1 year(Do not lower than -25°C)

Molecularweight : 17kD

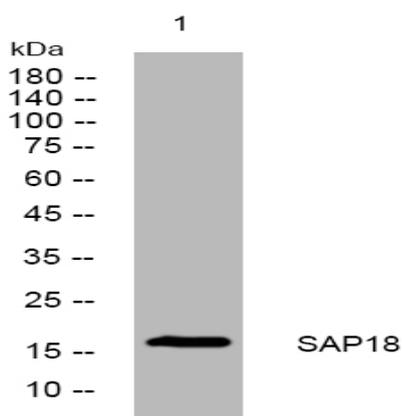
Background : Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. The protein encoded by this gene is a component of the histone deacetylase complex, which includes SIN3, SAP30, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This protein directly interacts with SIN3 and enhances SIN3-mediated transcriptional repression when tethered to the promoter. A pseudogene has been identified on chromosome 2. [provided by RefSeq, Dec 2008],

Function : function:Component of the SIN3-repressing complex. Enhances the ability of SIN3-HDAC1-mediated transcriptional repression. When tethered to the promoter, it can direct the formation of a repressive complex to core histone proteins.,similarity:Belongs to the SAP18 family.,subunit:Forms a complex with SIN3A and HDAC1.,tissue specificity:Ubiquitous.,

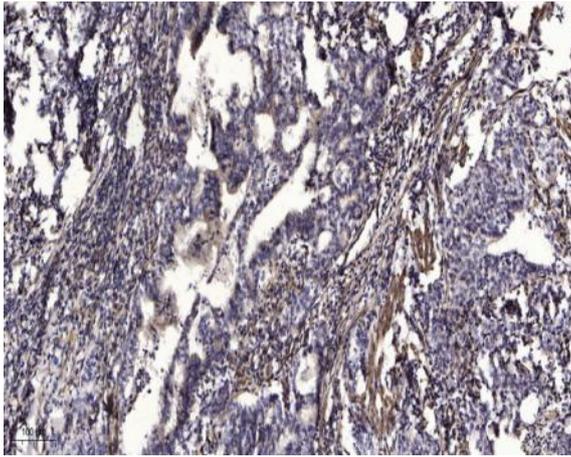
Subcellular Location : Nucleus . Cytoplasm . Nucleus speckle . Shuttles between the nucleus and the cytoplasm (PubMed:16314458). Colocalizes with ACIN1 and SRSF2 in nuclear speckles (PubMed:20966198). .

Expression : Ubiquitous.

Products Images



Western blot analysis of lysates from MCF-7 cells, primary antibody was diluted at 1:1000, 4° over night



Immunohistochemical analysis of paraffin-embedded human Gastric adenocarcinoma. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).