

Datasheet for ABIN2461767

anti-SAP18 antibody[Go to Product page](#)**1** Image

Overview

Quantity:	100 µL
Target:	SAP18
Reactivity:	Human, Mouse, Rat, Dog
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAP18 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	Antibody produced in rabbits immunized with a synthetic peptide corresponding a region of human SAP18.
Purification:	Antibody is purified by peptide affinity chromatography method.

Target Details

Target:	SAP18
Alternative Name:	SAP18 (SAP18 Products)
Background:	Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. SAP18 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. Histone acetylation plays a

Target Details

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.

Molecular Weight: 18 kDa

Gene ID: 10284

NCBI Accession: [NP_005861](#)

UniProt: [O00422](#)

Application Details

Application Notes: SAP18 antibody can be used for detection of SAP18 by ELISA at 1:312500. SAP18 antibody can be used for detection of SAP18 by western blot at 0.125 µg/mL, and HRP conjugated secondary antibody should be diluted 1:50,000 - 100,000.

Restrictions: For Research Use only

Handling

Format: Lyophilized

Reconstitution: Add 50 µL of distilled water. Final antibody concentration is 1 mg/mL.

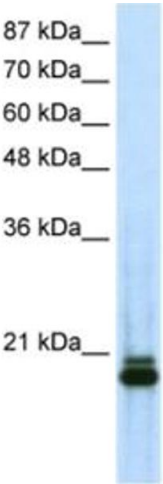
Concentration: 1 mg/mL

Buffer: Antibody is lyophilized in PBS buffer with 2 % sucrose.

Handling Advice: As with any antibody avoid repeat freeze-thaw cycles.

Storage: 4 °C/-20 °C

Storage Comment: For short periods of storage (days) store at 4 °C. For longer periods of storage, store SAP18 antibody at -20 °C.



Western Blotting

Image 1.