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Datasheet for ABIN7468976 **anti-SAP18 antibody**

Overview

Quantity:	100 µL
Target:	SAP18
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human SAP18. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by antigen-affinity chromatography.

Target Details

Target:	SAP18
Alternative Name:	Sin3A associated protein 18 (SAP18 Products)
Background:	<p>Synonyms: Sin3A associated protein 18 , 2HOR0202 , SAP18P</p> <p>Background: Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes.</p> <p>The protein encoded by this gene is a component of the histone deacetylase complex, which</p>

Target Details

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]

Molecular Weight: 18 kDa

Gene ID: 10284

UniProt: [O00422](#)

Application Details

Application Notes: WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher.
Not tested in other applications.

Comment: Positive Control: K562 nuclear extract Validation: Orthogonal

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 0.49 mg/mL

Buffer: 1XPBS (pH 7), 20 % Glycerol, 0.025 % ProClin 300

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Storage: 4 °C, -20 °C

Storage Comment: Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.