

Datasheet for ABIN2780555

**anti-SAP30 antibody (N-Term)**[Go to Product page](#)**1** Image

## Overview

Quantity:	100 µL
Target:	SAP30
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rabbit, Cow, Dog, Rat, Guinea Pig
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This SAP30 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human SAP30
Sequence:	MNGFTPDEMS RGGDAAAAVA AVVAAAAAAA SAGNGTGAGT GAEVPGAGAV
Predicted Reactivity:	Cow: 86%, Dog: 93%, Guinea Pig: 93%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%
Characteristics:	This is a rabbit polyclonal antibody against SAP30. It was validated on Western Blot using a cell lysate as a positive control.
Purification:	Protein A purified

## Target Details

Target:	SAP30
Alternative Name:	SAP30 ( <a href="#">SAP30 Products</a> )

## Target Details

Background:	<p>Histone acetylation plays a key role in the regulation of eukaryotic gene expression. Histone acetylation and deacetylation are catalyzed by multisubunit complexes. SAP30 is a component of the histone deacetylase complex, which includes SIN3, SAP18, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This complex is active in deacetylating core histone octamers, but inactive in deacetylating nucleosomal histones. 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, SAP18, HDAC1, HDAC2, RbAp46, RbAp48, and other polypeptides. This complex is active in deacetylating core histone octamers, but inactive in deacetylating nucleosomal histones. A pseudogene of this gene is located on chromosome 3.</p> <p>Protein Interaction Partner: HDAC3, CUL4B, DDB1, HDAC1, SIN3A, UBC, HDAC2, BRMS1L, ING1, ARID4A, SAMSN1, ZNF395, UBASH3B, RBBP7, RBBP4, CHD4, ALL1, TAF6, SMARCA2, SAP25, RBP1, HIST2H2BE, PCBD1, ID3, SAP30BP, HIST2H4A, HBP1, HIST1H2AL, BRMS1, CIR1, HIST3H3, NCOR1, NCOR2, MXD1, YY1, HT</p> <p>Protein Size: 220</p>
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Molecular Weight:	23 kDa
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Gene ID:	8819
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NCBI Accession:	<a href="#">NM_003864</a> , <a href="#">NP_003855</a>
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UniProt:	<a href="#">O75446</a>
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## Application Details

Application Notes:	Optimal working dilutions should be determined experimentally by the investigator.
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Comment:	Antigen size: 220 AA
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Restrictions:	For Research Use only
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## Handling

Format:	Liquid
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Concentration:	Lot specific
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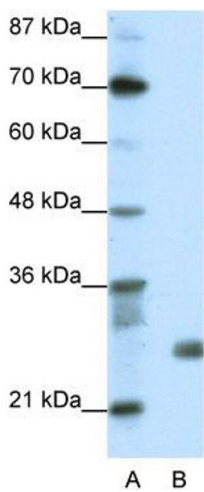
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
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Preservative:	Sodium azide
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Handling

Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.

Images



Western Blotting

**Image 1.** WB Suggested Anti-SAP30 Antibody Titration:  
1.25ug/ml ELISA Titer: 1:312500 Positive Control:  
Transfected 293T