

Datasheet for ABIN2780556

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

Overview

Quantity:	100 µL
Target:	SAP30
Binding Specificity:	Middle Region
Reactivity:	Human, Mouse, Rabbit, Cow, Dog, Rat, Guinea Pig, Horse, Zebrafish (Danio rerio)
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 middle region of human SAP30
Sequence:	YQLQVNTLRR YKRHFKLPTK PGLNKAQLVE IVGCHFRSIP VNEKDTLTYP
Predicted Reactivity:	Cow: 100%, Dog: 93%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Zebrafish: 79%
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
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Target Details

Alternative Name:	SAP30 (SAP30 Products)
Background:	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. Alias Symbols: - 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 Protein Size: 220
Molecular Weight:	23 kDa
Gene ID:	8819
NCBI Accession:	NM_003864 , NP_003855
UniProt:	O75446

Application Details

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

Handling

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

Handling

Preservative:	Sodium azide
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