

Rabbit SAP18 Polyclonal Antibody | anti-SAP18 antibody

SAP18 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA198372	Rabbit	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

SAP18; Polyclonal Antibody; SAP18 antibody - N-terminal region; anti-SAP18 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Cow, Dog, Guinea Pig, Horse, Human, Mouse, Rabbit, Rat, Zebrafish
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Sequence	Synthetic peptide located within the following region: EIKKEPEKPIDR EKTCPLLLRV FTTNNGRHHR MDEFSGRGNVP SSELQIYT
Sequence Length	153
Applicable Applications for anti-SAP18 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Cow: 100%; Dog: 100%; Guinea Pig: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Rabbit: 100%; Rat: 100%; Zebrafish: 93%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human SAP18
Preparation and Storage	For short term use, store at 2-8 degree C up to 1 week. For long term storage, store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-SAP18 Antibody Titration: 0.125ug/ml
ELISA Titer: 1:312500
Positive Control: Transfected 293T


IHC (Immunohistochemistry)

Rabbit Anti-SAP18 Antibody
Formalin Fixed Paraffin Embedded Tissue: Human Testis
Tissue
Observed Staining: Cytoplasm in spermatogonia and spermatocytes
Primary Antibody Concentration: N/A
Other Working Concentrations: 1:600
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-SAP18 antibody	This is a rabbit polyclonal antibody against SAP18. It was validated on Western Blot using a cell lysate as a positive control. Target Description: 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 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.
Product Categories/Family for anti-SAP18 antibody	Polyclonal; Transcription Regulation; Transcription Regulation; Chromatin & Nuclear Signaling; Epigenetics; Transcription Factors

NCBI AND UNIPROT INFORMATION

NCBI GI #	215490089
NCBI GeneID	10284
NCBI Accession #	NP_005861
NCBI GenBank Nucleotide #	NM_005870
UniProt Accession #	O00422
Molecular Weight	18kDa
NCBI Official Full Name	histone deacetylase complex subunit SAP18 isoform 1
NCBI Official Synonym Full Names	Sin3A associated protein 18
NCBI Official Symbol	SAP18
NCBI Official Synonym Symbols	SAP18P; 2HOR0202
NCBI Protein Information	histone deacetylase complex subunit SAP18
UniProt Protein Name	Histone deacetylase complex subunit SAP18
UniProt Gene Name	SAP18
UniProt Entry Name	SAP18_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.