

Rabbit TAPBP Polyclonal Antibody | anti-TAPBP antibody

TAPBP antibody - N-terminal region

CATALOG # AAA199552	HOST Rabbit	REACTIVITY Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep	APPLICATIONS Immunohistochemistry, Western Blot
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PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Dog, Horse, Human, Mouse, Pig, Rabbit, Rat, Sheep
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 with the following sequence: GK GLAKRPGALL LRQGPGEPPP RPDLDPELYL SVHDPAGALQ AAFRRYPR
Sequence Length	299
Applicable Applications for anti-TAPBP antibody	IHC (Immunohistochemistry), WB (Western Blot)
Homology	Dog: 93%; Horse: 93%; Human: 100%; Mouse: 79%; Pig: 93%; Rabbit: 93%; Rat: 86%; Sheep: 79%
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human TAPBP
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-TAPBP Antibody Titration: 0.2-1 ug/ml Positive Control: 293T cell lysate



IHC (Immunohistochemistry)

Rabbit Anti-TAPBP Antibody Formalin Fixed Paraffin Embedded Tissue: Human Liver Tissue Observed Staining: Cytoplasm in hepatocytes Primary Antibody Concentration: 1:100 Other Working Concentrations: N/A 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-TAPBP antibody	This is a rabbit polyclonal antibody against TAPBP. It was validated on Western Blot Target Description: TAPBP is a transmembrane glycoprotein which mediates interaction between newly assembled major histocompatibility complex (MHC) class I molecules and the transporter associated with antigen processing (TAP), which is required for the transport of antigenic peptides across the endoplasmic reticulum membrane. This interaction is essential for optimal peptide loading on the MHC class I molecule. Up to four complexes of MHC class I and this protein may be bound to a single TAP molecule. This protein contains a C-terminal double-lysine motif (KKKAE) known to maintain membrane proteins in the endoplasmic reticulum.
Product Categories/Family for anti-TAPBP antibody	Polyclonal; Signal Proteins; Lymphocyte Signaling; Membrane Protein; Cell Biology; Membrane & Traffic

NCBI AND UNIPROT INFORMATION

NCBI GI #	262527242
NCBI GeneID	6892
NCBI Accession #	NP_757345
NCBI GenBank Nucleotide #	NM_172208
UniProt Accession #	O15533
Molecular Weight	30kDa
NCBI Official Full Name	tapasin isoform 2
NCBI Official Synonym Full Names	TAP binding protein
NCBI Official Symbol	TAPBP
NCBI Official Synonym Symbols	TPN; TAPA; TPSN; NGS17
NCBI Protein Information	tapasin
UniProt Protein Name	Tapasin
UniProt Gene Name	TAPBP
UniProt Synonym Gene Names	NGS17; TAPA; TPN; TPSN
UniProt Entry Name	TPSN_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/tapbp-antibody-immunohistochemistry-western-blot-elisa/199552>