

Rabbit TAPBP Polyclonal Antibody | anti-TAPBP antibody

TAPBP Polyclonal Antibody

CATALOG # AAA312862	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunofluorescence, Immunohistochemistry, Western Blot
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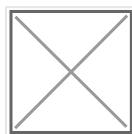
PRODUCT SYNONYMS

TAPBP; Polyclonal Antibody; TAPBP Polyclonal Antibody; NGS17; TAPA; TPN; TPSN; tapasin; anti-TAPBP antibody

PRODUCT SPECIFICATIONS

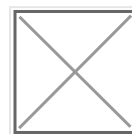
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH7.4, 150mM NaCl, 0.02% sodium azide and 224% glycerol. PBS with 0.02% sodium azide, 50% glycerol, pH7.177
Concentration	1mg/ml (varies by lot)
Applicable Applications for anti-TAPBP antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human TAPBP (NP_757345.2)
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cells using TAPBP antibody . Blue: DAPI for nuclear staining.



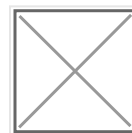
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human lung cancer using TAPBP antibody at dilution of 1:100 .



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat liver using TAPBP antibody at dilution of 1:100 .



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TAPBP antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-TAPBP antibody	This gene encodes 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. This gene lies within the major histocompatibility complex on chromosome 6. Alternative splicing results in three transcript variants encoding different isoforms.
Product Categories/Family for anti-TAPBP antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GeneID	6892
UniProt Accession #	O15533
Molecular Weight	MW: 38kDa, 43kDa, 47kDa, 53kDa SDS PAGE MW: 48kDa
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-immunofluorescence-immunohistochemistry-western-blot-elisa/312862>