

Rabbit anti-Human, Mouse TAPBP Polyclonal Antibody | anti-TAPBP antibody

TAPBP Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA28097	Rabbit	Human, Mouse	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

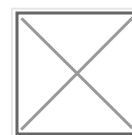
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Sequence Length	448
Applicable Applications for anti-TAPBP antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500 - 1:2000 IHC: 1:50 - 1:200
Species	Human
Category	Primary antibody
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Immunogen	Recombinant protein of human TAPBP
Calculated Molecular Weight	47kDa
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles.

IMAGES



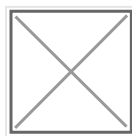
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse kidney using TAPBP Antibody at dilution of 1:200 (40x lens).



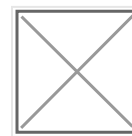
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse testis using TAPBP Antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human gastric cancer using TAPBP Antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using TAPBP Antibody at dilution of 1:200 (40x lens).



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human stomach using TAPBP Antibody at dilution of 1:200 (40x lens).



WB (Western Blot)

Western blot analysis of extracts of HT-29 cells, using TAPBP antibody at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit. Exposure time: 90s.

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	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	12643361
NCBI GeneID	6892
UniProt Accession #	O15533; O15210; O15272; Q5STJ8; Q5STK6; Q5STQ5; A2AB91; A2ABC0; B0V003; B0V0A6; B2ZUA4; E9PGM2
Molecular Weight	448
NCBI Official Full Name	Tapasin
NCBI Official Synonym Full Names	TAP binding protein (tapasin)
NCBI Official Symbol	TAPBP
NCBI Official Synonym Symbols	TPN; TAPA; TPSN; NGS17
NCBI Protein Information	tapasin; NGS-17; TAP-binding protein; TAP-associated protein
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-western-blot-immunohistochemistry-immunofluorescence-elisa/28097>