Rabbit TAP2 Polyclonal Antibody | anti-TAP2 antibody

TAP2 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA301217	**Rabbit**	**Human, Mouse, Rat**	**Immunofluorescence, Immunohistochemistry, Western Blot**

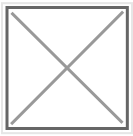
PRODUCT SYNONYMS

TAP2; Polyclonal Antibody; TAP2 Antibody; APT2; PSF2; ABC18; ABCB3; PSF-2; anti-TAP2 antibody

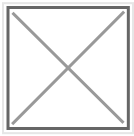
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of total TAP2 protein.
Purity/Purification	Antibodies were purified by affinity purification using immunogen.
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	703
Applicable Applications for anti-TAP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Recombinant Protein
Immunogen Description	Recombinant protein of human TAP2.
Target Name	TAP2
Preparation and Storage	Store at -20 degree C

IMAGES



IF (Immunofluorescence)
Immunofluorescence analysis of U2OS cell using TAP2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)
Western blot analysis of extracts of placenta cell lines, using TAP2 antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-TAP2 antibody	The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided into seven distinct subfamilies (ABC1, MDR/TAP, MRP, ALD, OABP, GCN20, White). This protein is a member of the MDR/TAP subfamily. Members of the MDR/TAP subfamily are involved in multidrug resistance. This gene is located 7 kb telomeric to gene family member ABCB2. The protein encoded by this gene is involved in antigen presentation. This protein forms a heterodimer with ABCB2 in order to transport peptides from the cytoplasm to the endoplasmic reticulum. Mutations in this gene may be associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, and celiac disease. Alternative splicing of this gene produces two products which differ in peptide selectivity and level of restoration of surface expression of MHC class I molecules.
Product Categories/Family for anti-TAP2 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	73747915
NCBI GeneID	6891
NCBI Accession #	NP_000535.3
NCBI GenBank Nucleotide #	NM_000544.3
UniProt Accession #	Q03519; O95410; Q53FI6; Q5HY71; Q96PT8; Q9UQ83; B0V2J8
Molecular Weight	72,003 Da
NCBI Official Full Name	antigen peptide transporter 2 isoform 1
NCBI Official Synonym Full Names	transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)
NCBI Official Symbol	TAP2
NCBI Official Synonym Symbols	APT2; PSF2; ABC18; ABCB3; PSF-2; RING11; D6S217E
NCBI Protein Information	antigen peptide transporter 2
UniProt Protein Name	Antigen peptide transporter 2
UniProt Gene Name	**TAP2**
UniProt Synonym Gene Names	ABCB3; PSF2; RING11; Y1; APT2; PSF-2
UniProt Entry Name	TAP2_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/tap2-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/301217