

Rabbit TAP2 Polyclonal Antibody | anti-TAP2 antibody

TAP2 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA36896	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

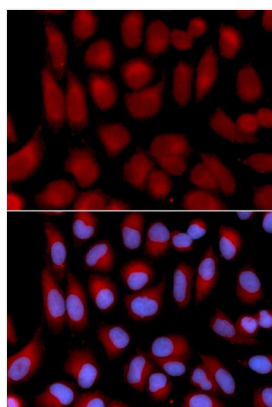
PRODUCT SYNONYMS

TAP2; Polyclonal Antibody; TAP2 Polyclonal Antibody; APT2; PSF2; ABCB3; PSF-2; RING11; D6S217E; anti-TAP2 antibody

PRODUCT SPECIFICATIONS

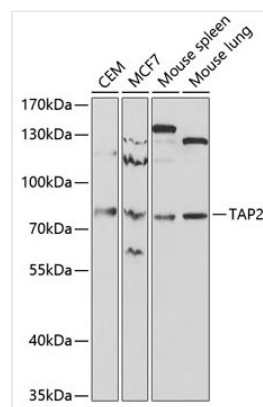
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.09% Sodium azide,50% glycerol,pH7.3.
Sequence Length	686
Applicable Applications for anti-TAP2 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 430-680 of human TAP2 (NP_000535.3).
Preparation and Storage	Store at -20 degree C. Avoid freeze / thaw cycles. Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.

IMAGES



IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using TAP2 antibody. Blue: DAPI for nuclear staining.



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using TAP2 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.

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. [provided by RefSeq, Jul 2008]
Product Categories/Family for anti-TAP2 antibody	Polyclonal

NCBI AND UNIPROT INFORMATION

NCBI GI #	549044
NCBI GeneID	6891
UniProt Accession #	Q03519; O95410; Q53FI6; Q5HY71; Q96PT8; Q9UQ83; B0V2J8
Molecular Weight	Calculated: 72kDa/75kDa Observed: 76kDa
NCBI Official Full Name	Antigen peptide transporter 2
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; ABC transporter, MHC 2; peptide supply factor 2; peptide transporter PSF2; really interesting new gene 11 protein; transporter 2, ABC (ATP binding cassette); peptide transporter involved in antigen processing 2; ATP-binding cassette, sub-family B (MDR/TAP), member 3
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.