

Rabbit anti-Human TAP1 Monoclonal Antibody | anti-TAP1 antibody

TAP1 Rabbit mAb

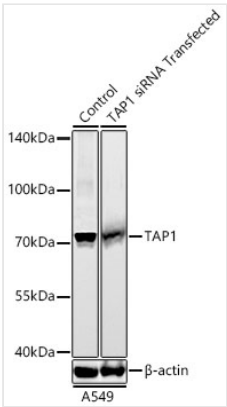
CATALOG # AAA282989	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

TAP1; Monoclonal Antibody; TAP1 Rabbit mAb; APT1; PSF1; ABC17; ABCB2; PSF-1; RING4; TAP1N; D6S114E; TAP1*0102N; anti-TAP1 antibody

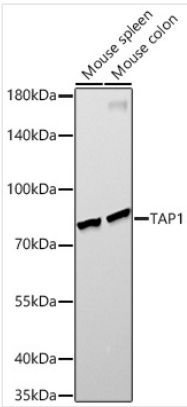
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	LYQMQFTQAV EVLLSIYPRV QKAVGSSEKI FEYLDRTPRC PPSGLLTPLH LEGLVQFQDV SFAYPNRPDV LVLQGLTFTL RPGEVTALVG PNGSGKSTVA ALLQNLQOPT GGQLLLDGKP LPQYEHRYLH RQVAAVGQEP QVFGRSLQEN IAYGLTQKPT MEEITAAVK SGAHSFISGL PQGYDTEVDE AGSQLSGGQR QAVALARALI RKPCVLILDD ATSALDANSQ LQVEQLLYES PERYSRSVLL ITQHLSLVEQ ADHILFLEGG AIREGGTHQQ LMEKKG CYWA MVQAPADAPE
Applicable Applications for anti-TAP1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 449-748 of human TAP1 (NP_000584.2).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.



WB (Western Blot)

Western blot analysis of lysates from A549 cells transfected with TAP1 siRNA using TAP1 Rabbit mAb (AAA282989) at 1:5000 dilution incubated overnight at 4?.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 30 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020)Exposure time: 180 s.



WB (Western Blot)

Western blot analysis of various lysates, using TAP1 Rabbit mAb (AAA282989) at 1:10000 dilution.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 25ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Enhanced Kit (RM00021).Exposure time: 180s.

ADDITIONAL INFORMATION

Related Product Information for anti-TAP1 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. The protein encoded by this gene is involved in the pumping of degraded cytosolic peptides across the endoplasmic reticulum into the membrane-bound compartment where class I molecules assemble. Mutations in this gene may be associated with ankylosing spondylitis, insulin-dependent diabetes mellitus, and celiac disease. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-TAP1 antibody	Signal Transduction; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	9665248
NCBI GeneID	6890
NCBI Accession #	NP_000584.2
NCBI GenBank Nucleotide #	NM_000593.5
UniProt Accession #	Q03518; Q16149; Q96CP4
Molecular Weight	Calculated MW: 81kDa Observed MW: 75kDa/81kDa/75kDa
UniProt Protein Name	Antigen peptide transporter 1
UniProt Gene Name	TAP1
UniProt Synonym Gene Names	ABCB2; PSF1; RING4; Y3; APT1; PSF-1
UniProt Entry Name	TAP1_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.