

Datasheet for ABIN6148845
anti-TAP1 antibody (AA 524-808)



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1 Image

Overview

Quantity:	100 µL
Target:	TAP1
Binding Specificity:	AA 524-808
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This TAP1 antibody is un-conjugated
Application:	Western Blotting (WB)

Product Details

Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 524-808 of human TAP1 (NP_000584.2).
Sequence:	IYPRVQKAVG SSEKIFEYLD RTPRCPPSGL LTPLHLEGLV QFQDVSFAYP NRPDVLVLQG LTFTLRPGEV TALVGPNGSG KSTVAALLQN LYQPTGGQLL LDGKPLPQYE HRYLHRQVAA VGQEPQVFGR SLQENIAYGL TQKPTMEEIT AAVKSGAHS FISGLPQGYD TEVDEAGSQL SGGQRQAVAL ARALIRKPCV LILDDATSAL DANSQLQVEQ LLYESPERYS RSVLLITQHL SLVEQADHIL FLEGGAIREG GTHHQLMEKK GCYWAMVQAP ADAPE
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Characteristics:	Polyclonal Antibodies

Target Details

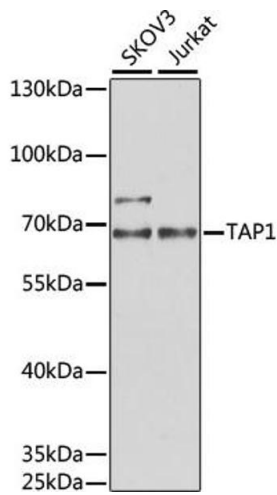
Target:	TAP1
Alternative Name:	TAP1 (TAP1 Products)
Background:	<p>The membrane-associated protein encoded by this gene is a member of the superfamily of ATP-binding cassette (ABC) transporters. ABC proteins transport various molecules across extra- and intra-cellular membranes. ABC genes are divided 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.,TAP1,ABC17,ABCB2,APT1,D6S114E,PSF-1,PSF1,RING4,TAP1*0102N,TAP1N,Signal Transduction,TAP1</p>
Molecular Weight:	87 kDa
Gene ID:	6890
UniProt:	Q03518
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Human Leukocyte Antigen (HLA) in Adaptive Immune Response

Application Details

Application Notes:	WB,1:500 - 1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide,50 % glycerol, pH 7.3.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



Western Blotting

Image 1. Western blot analysis of extracts of various cell lines, using T antibody (ABIN6131162, ABIN6148845, ABIN6148846 and ABIN6221804) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (ABIN1684268 and ABIN3020597) at 1:10000 dilution. Lysates/proteins: 25 µg per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 10s.