

CAB1610

Product Information

Product SKU:	CAB1610	Gene ID:	6891	Size:	20uL, 100uL
Clone No:	-	Host Species:	Rabbit	Reactivity:	Human,Mouse,Rat

Additional Information

Observed MW:	75kDa	Conjugate:	Unconjugated
Calculated MW:	76kDa	Isotype:	IgG

Immunogen Information

Background:	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 products which differ in peptide selectivity and level of restoration of surface expression of MHC class I molecules.
Recommended Dilution:	WB,1:100 - 1:500 IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200
Synonyms:	APT2; PSF2; ABC18; ABCB3; PSF-2; RING11; D6S217E; TAP2
Purification Method:	Affinity purification
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 450-686 of human TAP2 (NP_001276972.1).
Storage:	Store at -20°C. Avoid freeze / thaw cycles.Buffer: PBS with 0.09% Sodium azide,50% glycerol,pH7.3.