

TAP2 rabbit pAb

Cat No.:ES12816

For research use only

Overview

Product Name	TAP2 rabbit pAb	
Host species	Rabbit	
Applications	WB	
Species Cross-Reactivity	Human; Mouse;Rat	
Recommended dilutions	WB 1: 500-2000	
Immunogen	Synthesized peptide derived from human TAP2 AA range: 182-232	
Specificity	This antibody detects endogenous levels of TAP2 at Human/Mouse/Rat	
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.	
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.	
Protein Name	TAP2	
Gene Name	TAP2 ABCB3 PSF2 RING11 Y1	
Cellular localization	Endoplasmic reticulum membrane ; Multi-pass	
	membrane protein . The transmembrane segments	
	seem to form a pore in the membrane.	
Purification	The antibody was affinity-purified from rabbit	
	antiserum by affinity-chromatography using	
	epitope-specific immunogen.	
Clonality	Polyclonal	
Concentration	1 mg/ml	
Observed band		
Human Gene ID	6891	
Human Swiss-Prot Number	Q03519	
Alternative Names		
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	



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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. [provided by RefSeq, Feb 2014],

Western blot analysis of lysates from Hela cells, primary antibody was diluted at 1:1000, 4° over night





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