Datasheet for ABIN680125 anti-TAP2 antibody (AA 451-550) (Biotin)

-online.com antibodies



Overview

Quantity:	100 μL	
Target:	TAP2	
Binding Specificity:	AA 451-550	
Reactivity:	Human, Mouse	
Host:	Rabbit	
Clonality:	Polyclonal	
Conjugate:	This TAP2 antibody is conjugated to Biotin	
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))	

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human TAP2	
lsotype:	lgG	
Cross-Reactivity:	Human, Mouse	
Predicted Reactivity:	Rat,Dog,Cow,Pig,Horse,Rabbit	
Purification:	Purified by Protein A.	
Target Details		
Target:	TAP2	
Alternative Name:	TAP2/ABCB3 (TAP2 Products)	

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Target Details

Background:	Synonyms: Uncharacterized protein C9orf172, C9orf172
	Background: TAP is an integral transmembrane protein involved in the transport of antigens
	from the cytoplasm to the endoplasmic reticulum for association with MHC class I molecules.
	It is a heterodimer of TAP1 and TAP2, and the peptide-binding site is shared between the
	cytoplasmic loops of TAP1 and TAP2. TAP is inducible by interferon gamma and belongs to the
	ABC transporter family, MDR subfamily. TAP also acts as a molecular scaffold for the final
	stage of MHC class I folding, namely the binding of peptide. Nascent MHC class I molecules
	associate with TAP via tapasin. TAP is inhibited by the covalent attachment of herpes simplex
	virus ICP47 protein, which blocks the peptide-binding site of TAP. It is inhibited by human
	cytomegalovirus US6 glycoprotein, which binds to the lumenal side of the TAP complex and
	inhibits peptide translocation by specifically blocking ATP-binding to TAP and prevents the
	conformational rearrangement of TAP induced by peptide binding.
Gene ID:	389813
UniProt:	C9J069
Pathways:	Regulation of Leukocyte Mediated Immunity, Positive Regulation of Immune Effector Process

Application Details

Application Notes:	WB 1:300-5000
	IHC-P 1:200-400
	IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid	
Concentration:	1 μg/μL	
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.	
Preservative:	ProClin	
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.	
Storage:	-20 °C	

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 Storage Comment:
 Store at -20°C for 12 months.

Expiry Date:

12 months

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