

For Research Use Only

TAP2 Polyclonal antibody

Catalog Number: 10161-1-AP



Basic Information

Catalog Number: 10161-1-AP	GenBank Accession Number: BC002751	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 550 ug/ml by Nanodrop;	GeneID (NCBI): 6891	Recommended Dilutions: WB 1:500-1:2000 IHC 1:50-1:500
Source: Rabbit	UNIPROT ID: Q03519	
Isotype: IgG	Full Name: transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)	
Immunogen Catalog Number: AG0190	Calculated MW: 76 kDa	
	Observed MW: 70 kDa	

Applications

Tested Applications: WB, IHC, ELISA	Positive Controls:
Species Specificity: human	WB : MCF-7 cells, SH-SY5Y cells
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	IHC : human intrahepatic cholangiocarcinoma tissue, human ovary cancer tissue

Background Information

TAP2, also known as APT2, ABCB3, is a member of the superfamily of ATP-binding cassette (ABC) transporters. TAP2 mediates unidirectional translocation of peptide antigens from cytosol to endoplasmic reticulum (ER) for loading onto MHC class I (MHCI) molecules (PMID: 25656091). Mutations in TAP2 may be associated with Bare lymphocyte syndrome 1 (BLS1) and schizophrenia (PMID: 7517574, 24365204).

Storage

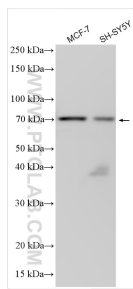
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

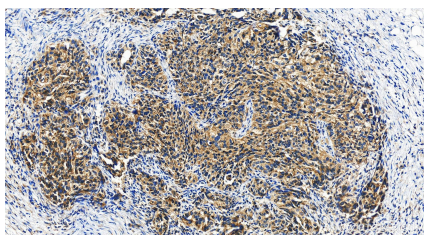
For technical support and original validation data for this product please contact:
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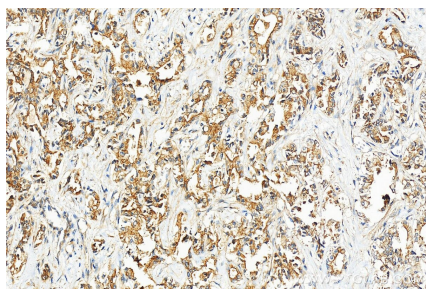
Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10161-1-AP (TAP2 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human ovary cancer tissue slide using 10161-1-AP (TAP2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human intrahepatic cholangiocarcinoma tissue slide using 10161-1-AP (TAP2 antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).