

For Research Use Only

TAP2 Polyclonal antibody, PBS Only

Catalog Number:10161-1-PBS



Basic Information

Catalog Number:

10161-1-PBS

Size:

100ug , Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0190

GenBank Accession Number:

BC002751

GeneID (NCBI):

6891

UNIPROT ID:

Q03519

Full Name:

transporter 2, ATP-binding cassette, sub-family B (MDR/TAP)

Calculated MW:

76 kDa

Observed MW:

70 kDa

Purification Method:

Antigen affinity purification

Applications

Tested Applications:

WB, IHC, Indirect ELISA

Species Specificity:

human

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 (MHC1) molecules (PMID: 25656091). Mutations in TAP2 may be associated with Bare lymphocyte syndrome 1 (BLS1) and schizophrenia (PMID: 7517574, 24365204).

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

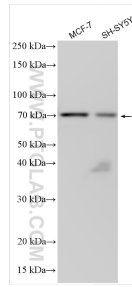
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

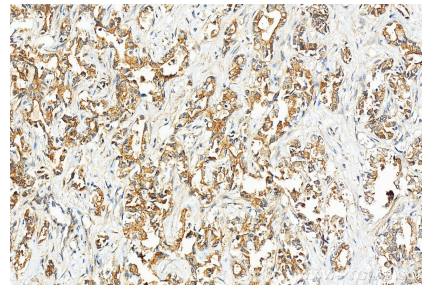
E: proteintech@ptglab.com
W: ptglab.com

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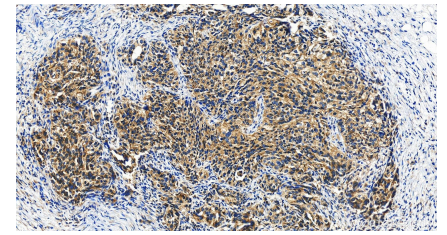
Selected Validation Data



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. This data was developed using the same antibody clone with 10161-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 10161-1-PBS in a different storage buffer formulation.



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). This data was developed using the same antibody clone with 10161-1-PBS in a different storage buffer formulation.