

For Research Use Only

# TAP2 Polyclonal antibody

Catalog Number: 10161-1-AP



## Basic Information

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

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : MCF-7 cells, SH-SY5Y cells
<b>Species Specificity:</b> 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 (MHC I) molecules (PMID: 25656091). Mutations in TAP2 may be associated with Bare lymphocyte syndrome 1 (BLS1) and schizophrenia (PMID: 7517574, 24365204).

## Storage

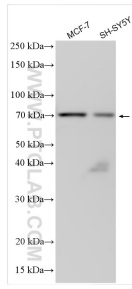
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

\*\*\* 20ul sizes contain 0.1% BSA

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