

For Research Use Only

TAPBP Polyclonal antibody

Catalog Number: 30500-1-AP



Basic Information

Catalog Number: 30500-1-AP	GenBank Accession Number: NM_003190	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 750 µg/ml by Nanodrop;	GeneID (NCBI): 6892	Recommended Dilutions: WB 1:500-1:3000 IHC 1:400-1:1600 IF 1:200-1:800
Source: Rabbit	Full Name: TAP binding protein (tapasin)	
Isotype: IgG	Calculated MW: 48 kDa	
Immunogen Catalog Number: AG30885	Observed MW: 48 kDa	

Applications

Tested Applications:

IF, IHC, WB, ELISA

Species Specificity:

Human

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB : HeLa cells, MDA-MB-231 cells, THP-1 cells

IHC : mouse colon tissue,

IF : HeLa cells,

Background Information

TAPBP, also known as tapasin, is a V-C1 (variable-constant) immunoglobulin superfamily (IgSF) molecule. It is involved in the association of MHC class I with transporter associated with antigen processing (TAP) and in the assembly of MHC class I with peptide (PMID: 11920573).

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

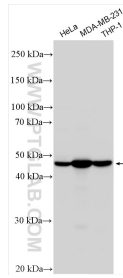
For technical support and original validation data for this product please contact:

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

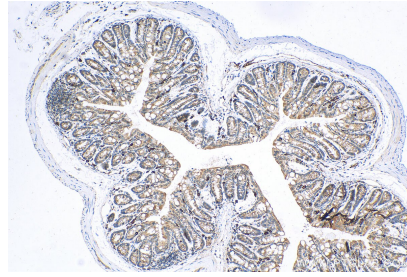
E: proteintech@ptglab.com
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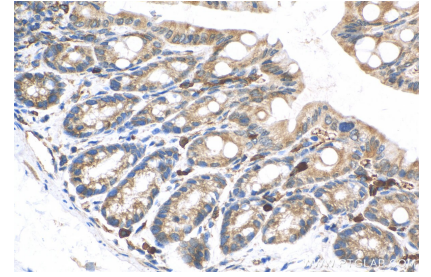
Selected Validation Data



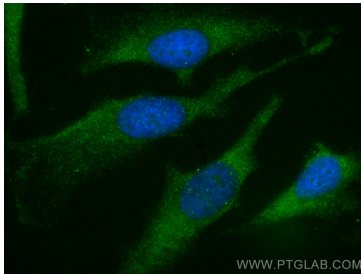
Various lysates were subjected to SDS PAGE followed by western blot with 30500-1-AP (TAPBP antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 30500-1-AP (TAPBP antibody) at dilution of 1:800 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse colon tissue slide using 30500-1-AP (TAPBP antibody) at dilution of 1:800 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (-20°C Methanol) fixed HeLa cells using TAPBP antibody (30500-1-AP) at dilution of 1:400 and CoraLite®488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).