

For Research Use Only

TAP1 Recombinant antibody, PBS Only

Catalog Number: 85766-4-PBS



Basic Information

Catalog Number:

85766-4-PBS

Size:

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

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1619

GenBank Accession Number:

BC014081

GeneID (NCBI):

6890

UNIPROT ID:

Q03518

Full Name:

transporter 1, ATP-binding cassette, sub-family B (MDR/TAP)

Calculated MW:

81 kDa

Observed MW:

70-80 kDa

Purification Method:

Protein A purification

CloneNo.:

250037E7

Applications

Tested Applications:

WB, IP, Indirect ELISA

Species Specificity:

human, mouse

Background Information

TAP1, also known as ABCB2, PSF1 or RING4, is a member of the ATP-binding cassette (ABC) family of transmembrane transporters and is an essential component of the major histocompatibility complex (MHC) class I antigen-presenting pathway. TAP is involved in the transport of antigens from the cytoplasm to the endoplasmic reticulum for association with MHC class I molecules. It also acts as a molecular scaffold for the final stage of MHC class I folding. Defects in TAP1 are a cause of bare lymphocyte syndrome type 1 (BLS1). Western blot analysis using this antibody detected a major band around 70-80 kDa in HeLa cells.

Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS only, pH7.3

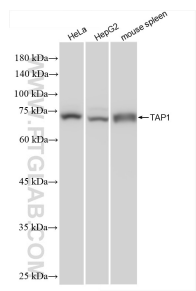
For technical support and original validation data for this product please contact:

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

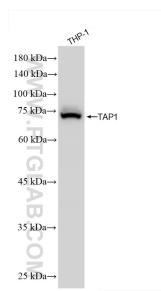
E: proteintech@ptglab.com
W: ptglab.com

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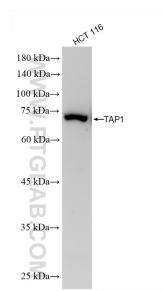
Selected Validation Data



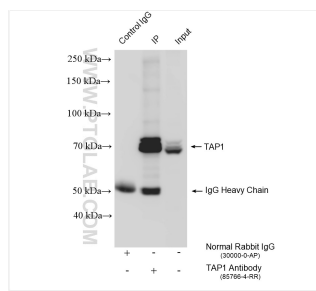
Various lysates were subjected to SDS PAGE followed by western blot with 85766-4-RR (TAP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85766-4-PBS in a different storage buffer formulation.



THP-1 cells were subjected to SDS PAGE followed by western blot with 85766-4-RR (TAP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85766-4-PBS in a different storage buffer formulation.



HCT 116 cells were subjected to SDS PAGE followed by western blot with 85766-4-RR (TAP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 85766-4-PBS in a different storage buffer formulation.



IP result of anti-TAP1 (IP:85766-4-RR, 4ug; Detection:85766-4-RR 1:1000) with HepG2 cells lysate 1800 ug. This data was developed using the same antibody clone with 85766-4-PBS in a different storage buffer formulation.