

For Research Use Only

# TAP1 Recombinant antibody

Catalog Number:85766-4-RR



## Basic Information

Catalog Number:

85766-4-RR

Concentration:

1000 µg/ml

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

Recommended Dilutions:

WB 1:2000-1:10000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

## Applications

Tested Applications:

WB, IP, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : HeLa cells, HCT 116 cells, THP-1 cells, HepG2 cells, mouse spleen tissue

IP : HepG2 cells,

## 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 -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

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

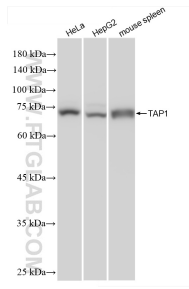
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

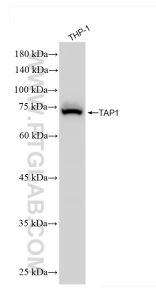
W: [ptgcn.com](http://ptgcn.com)

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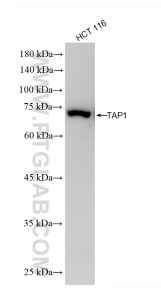
## Selected Validation Data



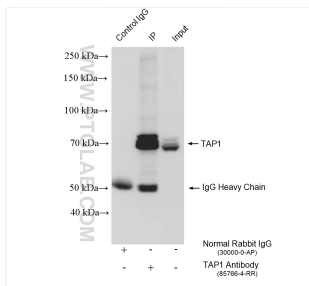
Various lysates were subjected to SDS PAGE followed by western blot with 85766-4-RR (TAP1 antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours.



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.



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.



IP result of anti-TAP1 (IP:85766-4-RR, 4ug; Detection:85766-4-RR 1:1000) with HepG2 cells lysate 1800 ug.