

For Research Use Only

# IGBP1 Polyclonal antibody

Catalog Number: 14952-1-AP

Featured Product



## Basic Information

Catalog Number:

14952-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6782

GenBank Accession Number:

BC004137

GeneID (NCBI):

3476

UNIPROT ID:

P78318

Full Name:

immunoglobulin (CD79A) binding protein 1

Calculated MW:

39 kDa

Observed MW:

40-45 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

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

## Applications

Tested Applications:

IP, WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB: Raji cells, Jurkat

IP: Jurkat cells,

## Background Information

Immunoglobulin-binding protein 1 (IGBP1), also known as ALPHA-4, was originally identified as a signal transduction molecule coprecipitating with MB1 (CD79a) protein of the B-cell antigen receptor (BCR) complex. IGBP1 has been characterized as an essential regulator of the catalytic activity of protein phosphatase 2A (PP2A), which is a ubiquitous phosphatase with broad substrate specificity and diverse cellular functions.

## 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

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

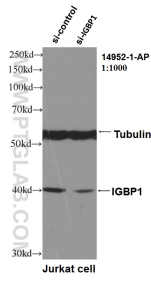
T: 4006900926

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

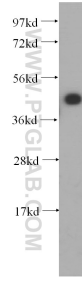
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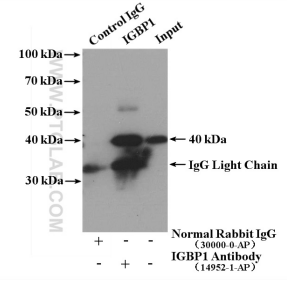
## Selected Validation Data



WB result of IGBP1 antibody (14952-1-AP, 1:1000) with si-control and si-IGBP1 transfected Jurkat cells.



Raji cells were subjected to SDS PAGE followed by western blot with 14952-1-AP (IGBP1 antibody) at dilution of 1:400 incubated at room temperature for 1.5 hours.



IP result of anti-IGBP1 (IP:14952-1-AP, 4ug; Detection:14952-1-AP 1:300) with Jurkat cells lysate 4000 ug.