

For Research Use Only

# Jagged1 Polyclonal antibody

Catalog Number: 27767-1-AP



## Basic Information

Catalog Number:

27767-1-AP

Size:

700 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG26633

GenBank Accession Number:

BC098393

GeneID (NCBI):

182

UNIPROT ID:

P78504

Full Name:

jagged 1 (Alagille syndrome)

Calculated MW:

1218 aa, 134 kDa

Observed MW:

150-180 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : HUVEC cells,

## Background Information

Jagged1 is a type I, membrane-anchored, multidomain protein and a ligand of the Notch receptor. The receptor-ligand interaction can trigger the Notch signaling and activate transcription factors that play key roles in cell differentiation and morphogenesis. The predicted MW of Jagged1 is 134 kDa, while higher MW around 150-180 kDa had been observed in literatures (PMID: 9716576, 9596653).

## 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:

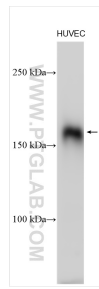
T: 4006900926

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

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

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 27767-1-AP (Jagged1 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.