

For Research Use Only

Jagged1 Recombinant antibody, PBS Only

Catalog Number: 84694-1-PBS



Basic Information

Catalog Number:

84694-1-PBS

Size:

1 mg/ml

Source:

Rabbit

Isotype:

IgG

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 kDa

Purification Method:

Protein A purification

CloneNo.:

241412F1

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

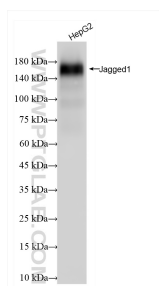
T: 4006900926

E: Proteintech-CN@ptglab.com

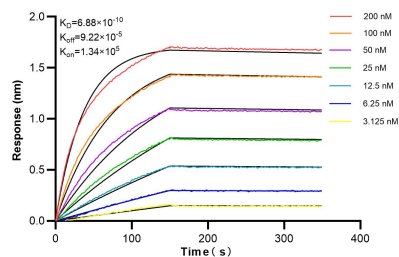
W: ptgcn.com

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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 84694-1-RR (Jagged1 antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84694-1-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 84694-1-RR against Human Jagged1 were performed. The affinity constant is 0.688 nM.