

For Research Use Only

Jagged1 Recombinant antibody

Catalog Number: 84694-1-RR



Basic Information

Catalog Number: 84694-1-RR	GenBank Accession Number: BC098393	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 ug/ml by Nanodrop;	GeneID (NCBI): 182	CloneNo.: 241412F1
Source: Rabbit	UNIPROT ID: P78504	Recommended Dilutions: WB 1:500-1:2000
Isotype: IgG	Full Name: jagged 1 (Alagille syndrome)	
	Calculated MW: 1218 aa, 134 kDa	
	Observed MW: 150 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : HepG2 cells,
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

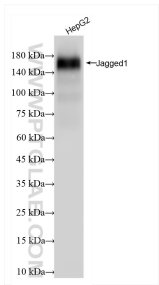
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

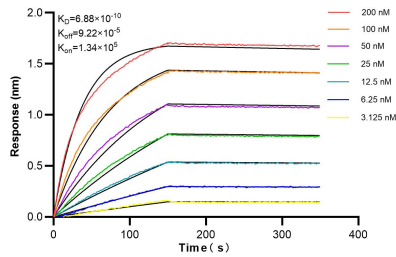
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Selected Validation Data



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.



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