

For Research Use Only

# Jagged1 Polyclonal antibody

Catalog Number: 17791-1-AP **1 Publications**



## Basic Information

<b>Catalog Number:</b> 17791-1-AP	<b>GenBank Accession Number:</b> BC098393	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 133 µg/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 182	
<b>Source:</b> Rabbit	<b>Full Name:</b> jagged 1 (Alagille syndrome)	
<b>Isotype:</b> IgG	<b>Calculated MW:</b> 1218 aa, 134 kDa	
<b>Immunogen Catalog Number:</b> AG11891		

## Applications

**Tested Applications:**  
ELISA

**Species Specificity:**  
human, mouse, rat

## Background Information

JAG1, also named as JAGL1, CD339 and Jagged1, is a ligand for multiple Notch receptors and involved in the mediation of Notch signaling. It may be involved in cell-fate decisions during hematopoiesis. JAG1 seems to be involved in early and late stages of mammalian cardiovascular development. It inhibits myoblast differentiation. JAG1 enhances fibroblast growth factor-induced angiogenesis. JAG1 signalling through notch 1 has also been shown to play a role in hematopoiesis.

## Notable Publications

Author	Pubmed ID	Journal	Application
Bo Shi	38022677	Front Immunol	WB,IHC

## 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

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)      E: proteintech@ptglab.com  
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## Selected Validation Data