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## anti-JAG1 antibody (N-Term)





Overview	
Quantity:	100 μL
Target:	JAG1
Binding Specificity:	N-Term
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This JAG1 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA
Product Details	
Immunogen:	A synthesized peptide derived from human JAG1, corresponding to a region within N-terminal amino acids.
Isotype:	IgG
Specificity:	JAG1 Antibody detects endogenous levels of total JAG1.
Predicted Reactivity:	Pig,Bovine,Horse,Rabbit,Xenopus
Purification:	The antiserum was purified by peptide affinity chromatography using SulfoLink <sup>TM</sup> Coupling Resin (Thermo Fisher Scientific).
Target Details	
Target:	JAG1

### **Target Details**

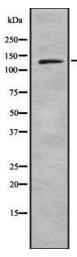
Alternative Name:	JAG1 (JAG1 Products)
Background:	Description: Ligand for multiple Notch receptors and involved in the mediation of Notch
	signaling. May be involved in cell-fate decisions during hematopoiesis. Seems to be involved in
	early and late stages of mammalian cardiovascular development. Inhibits myoblast
	differentiation (By similarity). Enhances fibroblast growth factor-induced angiogenesis (in vitro).
	Gene: JAG1
Molecular Weight:	134 kDa
Gene ID:	182
UniProt:	P78504
Pathways:	Notch Signaling, Stem Cell Maintenance

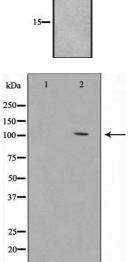
## Application Details

Application Notes:	WB 1:1000-3000, ELISA(peptide) 1:20000-1:40000
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	Rabbit IgG in phosphate buffered saline , pH 7.4, 150 mM NaCl, 0.02 % sodium azide and 50 % glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20 °C. Stable for 12 months from date of receipt.
Expiry Date:	12 months





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#### **Western Blotting**

**Image 1.** Western blot analysis of JAG1 Antibody expression in Mouse liver tissue lysates.

#### **Western Blotting**

Image 2. Western blot analysis of JAG1 using 293 whole cell lysates