

# (Mouse) Jag1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP21264b

## Product Information

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<b>Application</b>	WB, E
<b>Primary Accession</b>	<a href="#">Q9QXX0</a>
<b>Reactivity</b>	Human, Rat, Mouse
<b>Host</b>	Rabbit
<b>Clonality</b>	polyclonal
<b>Isotype</b>	Rabbit IgG
<b>Clone Names</b>	RB51257
<b>Calculated MW</b>	134164

## Additional Information

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<b>Gene ID</b>	16449
<b>Other Names</b>	Protein jagged-1, Jagged1, CD339, Jag1
<b>Target/Specificity</b>	This Mouse Jag1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1191-1224 amino acids from the C-terminal region of Mouse Jag1.
<b>Dilution</b>	WB~~1:2000 E~~Use at an assay dependent concentration.
<b>Format</b>	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
<b>Storage</b>	Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.
<b>Precautions</b>	(Mouse) Jag1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

## Protein Information

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<b>Name</b>	Jag1
<b>Function</b>	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). May regulate fibroblast growth factor-induced angiogenesis.

<b>Cellular Location</b>	Membrane; Single-pass type I membrane protein. Cell membrane {ECO:0000250 UniProtKB:P78504}
<b>Tissue Location</b>	Widely expressed in many tissues, with highest expression in brain, heart, muscle and thymus

## Background

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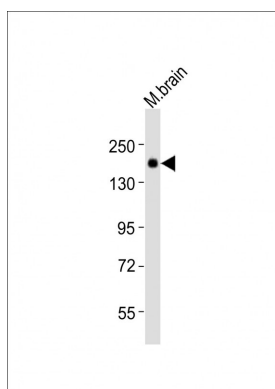
## References

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Shimizu K.,et al.J. Biol. Chem. 274:32961-32969(1999).  
Loomes K.M.,et al.Hum. Mol. Genet. 8:2443-2449(1999).

## Images

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Anti-Jag1 Antibody (C-term)at 1:2000 dilution + mouse brain lysates Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution Predicted band size : 134 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.