

**(Mouse) Jag1 Antibody (C-term)**  
**Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP20997c**

**Specification**

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**(Mouse) Jag1 Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">Q9OXX0</a>
Other Accession	<a href="#">Q63722</a>
Reactivity	Rat
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	134164

**(Mouse) Jag1 Antibody (C-term) - Additional Information**

**Gene ID** 16449

**Other Names**

Protein jagged-1, Jagged1, CD339, Jag1

**Target/Specificity**

This (Mouse) Jag1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1103-1137 amino acids from the C-terminal region of mouse Jag1.

**Dilution**

WB~~1:1000

**Format**

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.

**Storage**

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.

**Precautions**

(Mouse) Jag1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**(Mouse) Jag1 Antibody (C-term) - Protein Information**

**Name** Jag1

**Function** 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.

**Cellular Location**

Membrane; Single-pass type I membrane protein. Cell membrane  
{ECO:0000250|UniProtKB:P78504}

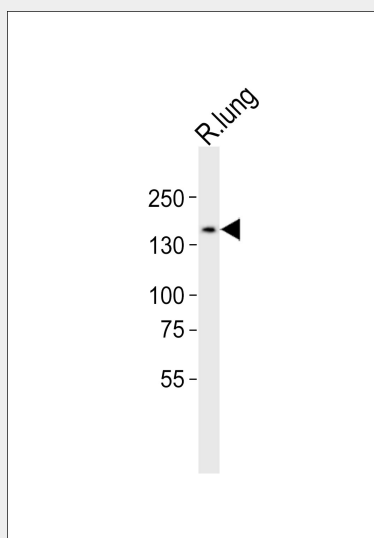
**Tissue Location**

Widely expressed in many tissues, with highest expression in brain, heart, muscle and thymus

**(Mouse) Jag1 Antibody (C-term) - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

**(Mouse) Jag1 Antibody (C-term) - Images**

Western blot analysis of lysate from rat lung tissue lysate, using Jag1 Antibody (C-term)(Cat. #AP20997c). AP20997c was diluted at 1:1000. A goat anti-rabbit IgG H&L(HRP) at 1:10000 dilution was used as the secondary antibody. Lysate at 20ug.

**(Mouse) Jag1 Antibody (C-term) - Background**

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.

**(Mouse) Jag1 Antibody (C-term) - References**

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