

(Mouse) Jag1 Antibody (C-term)
Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21264b

Specification

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

Application	WB,E
Primary Accession	O9OXX0
Reactivity	Mouse
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 1191-1224 amino acids from the C-terminal region of Mouse Jag1.

Dilution

WB~~1:2000

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}

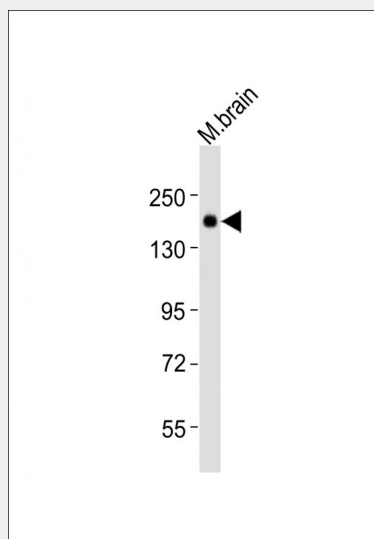
Tissue Location

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

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.

(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).

