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(Mouse) Jag1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP20997c

Product Information

Application	WB, E
Primary Accession	Q9QXX0
Reactivity	Human, Rat, Mouse
Predicted	Canine, Rabbit, Chicken
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Clone Names	RB51212
Calculated MW	134164

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 E~~Use at an assay dependent concentration.
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.

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

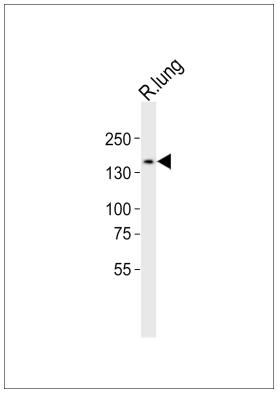
Background

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.

References

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

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.

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