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JAG1 Antibody (C-term)

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP21532b

Product Information

Application	WB, E
Primary Accession	P78504
Reactivity	Human, Rat, Mouse
Predicted	Bovine, Canine, Rabbit, Chicken
Host	Rabbit
Clonality	polyclonal
Isotype	Rabbit IgG
Clone Names	RB51654
Calculated MW	133799

Additional Information

Gene ID	182
Other Names	Protein jagged-1, Jagged1, hJ1, CD339, JAG1, JAGL1
Target/Specificity	This JAG1 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 1190-1224 amino acids from the C-terminal region of human JAG1.
Dilution	WB~~1:2000 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	JAG1 Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

Name	JAG1
Synonyms	JAGL1
Function	Ligand for multiple Notch receptors and involved in the mediation of Notch signaling (PubMed:18660822, PubMed:20437614). May be involved in cell-fate decisions during hematopoiesis (PubMed:9462510). 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).
Cellular Location	Membrane; Single-pass type I membrane protein. Cell membrane
Tissue Location	Widely expressed in adult and fetal tissues. In cervix epithelium expressed in undifferentiated subcolumnar reserve cells and squamous metaplasia. Expression is up-regulated in cervical squamous cell carcinoma. Expressed in bone marrow cell line HS-27a which supports the long-term maintenance of immature progenitor cells

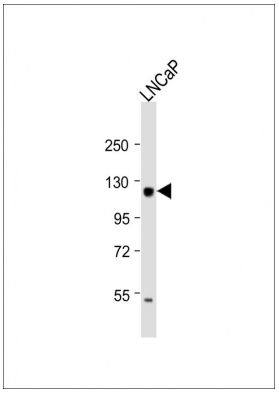
Background

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). Enhances fibroblast growth factor-induced angiogenesis (in vitro).

References

Oda T.,et al.Genomics 43:376-379(1997).
Li L.,et al.Nat. Genet. 16:243-251(1997).
Li L.,et al.Immunity 8:43-55(1998).
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Images



Anti-JAG1 Antibody (C-term)at 1:2000 dilution + LNCaP whole cell 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'.