

JAG1 / Jagged 1 Antibody (aa110-125)
Rabbit Polyclonal Antibody
Catalog # ALS12266

Specification

JAG1 / Jagged 1 Antibody (aa110-125) - Product Information

Application	IHC
Primary Accession	P78504
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Calculated MW	134kDa KDa

JAG1 / Jagged 1 Antibody (aa110-125) - Additional Information

Gene ID 182

Other Names

Protein jagged-1, Jagged1, hj1, CD339, JAG1, JAGL1

Target/Specificity

Recognizes human Jagged1 (JAG1).

Reconstitution & Storage

+4°C or -20°C, Avoid repeated freezing and thawing.

Precautions

JAG1 / Jagged 1 Antibody (aa110-125) is for research use only and not for use in diagnostic or therapeutic procedures.

JAG1 / Jagged 1 Antibody (aa110-125) - 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

Volume

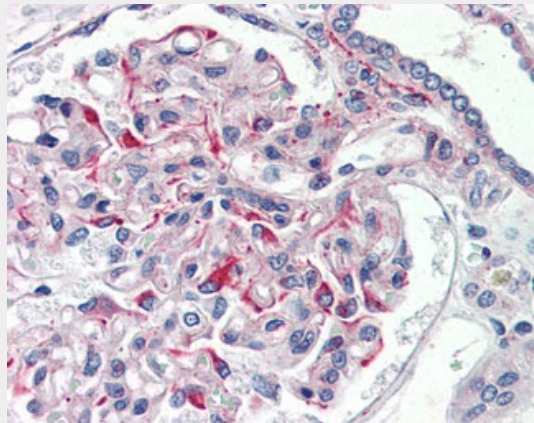
125 μ l

JAG1 / Jagged 1 Antibody (aa110-125) - 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](#)

JAG1 / Jagged 1 Antibody (aa110-125) - Images



Anti-JAG1 / Jagged 1 antibody IHC of human kidney.

JAG1 / Jagged 1 Antibody (aa110-125) - 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).

JAG1 / Jagged 1 Antibody (aa110-125) - References

- Oda T.,et al.Genomics 43:376-379(1997).
Li L.,et al.Nat. Genet. 16:243-251(1997).
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Bash J.,et al.EMBO J. 18:2803-2811(1999).
Gray G.E.,et al.Am. J. Pathol. 154:785-794(1999).