

JAG1 Antibody (C-Term)
Peptide-affinity purified goat antibody
Catalog # AF3557a**Specification**

JAG1 Antibody (C-Term) - Product Information

Application	IHC, E
Primary Accession	P78504
Other Accession	NP_000205.1 , 182 , 16449 (mouse) , 29146 (rat)
Reactivity	Human
Predicted	Mouse, Rat, Pig, Dog
Host	Goat
Clonality	Polyclonal
Concentration	0.5 mg/ml
Isotype	IgG
Calculated MW	133799

JAG1 Antibody (C-Term) - Additional Information**Gene ID** 182**Other Names**

Protein jagged-1, Jagged1, hJ1, CD339, JAG1, JAGL1

Dilution

IHC~~1:100~500

E~~N/A

Format

0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin

Storage

Maintain refrigerated at 2-8°C for up to 6 months. 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.

JAG1 Antibody (C-Term) - Protein Information**Name** JAG1**Synonyms** JAGL1**Function**

Ligand for multiple Notch receptors and involved in the mediation of Notch signaling (PubMed:<a

[18660822](http://www.uniprot.org/citations/18660822), PubMed: [20437614](http://www.uniprot.org/citations/20437614)). May be involved in cell-fate decisions during hematopoiesis (PubMed: [9462510](http://www.uniprot.org/citations/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

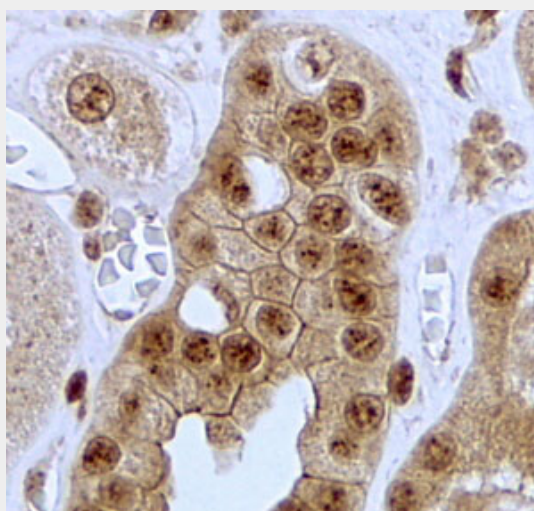
Widely expressed in adult and fetal tissues. In cervix epithelium expressed in undifferentiated subcolumnar reserve cells and squamous metaplasia. Expression is up-regulated in cervical squamous cell carcinoma. Expressed in bone marrow cell line HS-27a which supports the long-term maintenance of immature progenitor cells

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](#)

JAG1 Antibody (C-Term) - Images



AF3557a (2 µg/ml) staining of paraffin embedded Human Kidney. Steamed antigen retrieval with citrate buffer pH 6, HRP-staining.

JAG1 Antibody (C-Term) - References

Plasminogen activator uPA is a direct transcriptional target of the JAG1-Notch receptor signaling pathway in breast cancer. Shimizu M, Cohen B, Goldvasser P, Berman H, Virtanen C, Reedijk M.

Cancer Res. 2011 Jan 1;71(1):277-86. PMID: 21199807

JAG1 Antibody (C-Term) - Citations

- [Jagged1 and DLL4 expressions in benign and malignant pancreatic lesions and their clinicopathological significance.](#)