10320 Camino Santa Fe, Suite G
San Diego, CA 92121
Tel: 858.875.1900 Fax: 858.875.1999

JAG1 Antibody (C-Term)

Peptide-affinity purified goat antibody
Catalog # AF3557a

Specification

JAG1 Antibody (C-Term) - Product Information

Application	**IHC**
Primary Accession	P78504
Other Accession	NP_000205.1, 182, 16449 (mouse), 29146 (rat)
Reactivity	**Human**
Predicted	**Mouse, Rat, Pig, Dog, Cow**
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

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: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

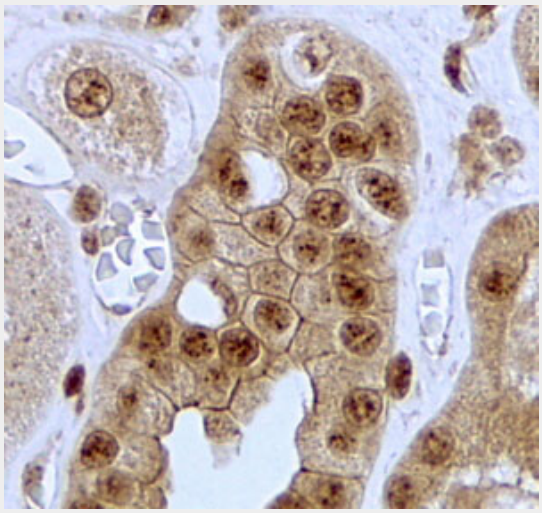
Tissue Location
Widely expressed in adult and fetal tissues. In cervix epithelium expressed in undifferentiated subcolumnar reserve cells and squamous metaplasia. Expression is up-regulated in cervical squamous cell carcinoma. Expressed in bone marrow cell line HS-27a which supports the long-term maintenance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

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 Cytomety
- 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.

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