

**Jagged1 Polyclonal Antibody**  
Catalog # AP73584**Specification**

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**Jagged1 Polyclonal Antibody - Product Information**

Application	IF
Primary Accession	<a href="#">P78504</a>
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal

**Jagged1 Polyclonal Antibody - Additional Information****Gene ID** 182**Other Names**

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

**Dilution**

IF~IF: 1:50-200 Western Blot: 1/500 - 1/2000. IHC-p: 1/100-1/300. ELISA: 1/20000. Not yet tested in other applications.

**Format**

Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.

**Storage Conditions**

-20°C

**Jagged1 Polyclonal Antibody - Protein Information****Name** JAG1**Synonyms** JAGL1**Function**

Ligand for multiple Notch receptors and involved in the mediation of Notch signaling (PubMed:<a href="http://www.uniprot.org/citations/18660822" target="\_blank">18660822</a>, PubMed:<a href="http://www.uniprot.org/citations/20437614" target="\_blank">20437614</a>). May be involved in cell-fate decisions during hematopoiesis (PubMed:<a href="http://www.uniprot.org/citations/9462510" target="\_blank">9462510</a>). 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

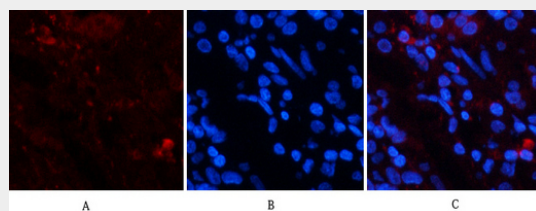
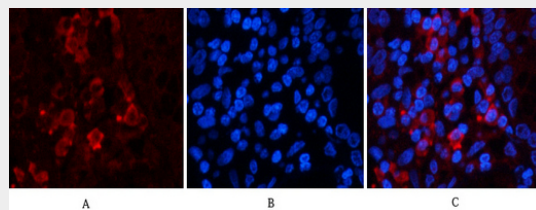
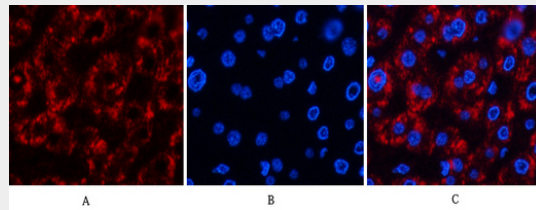
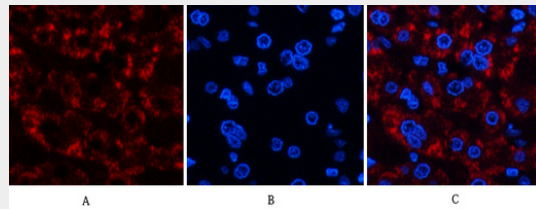
subcolumnar reserve cells and squamous metaplasia. Expression is up-regulated in cervical squamous cell carcinoma. Expressed in bone marrow cell line HS-27a which supports the long-term maintenance of immature progenitor cells

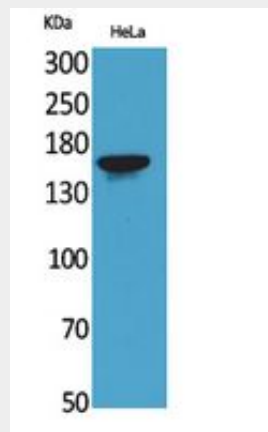
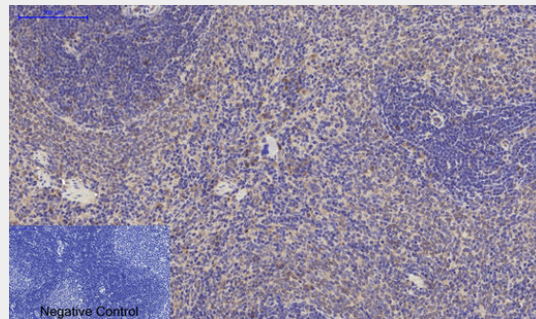
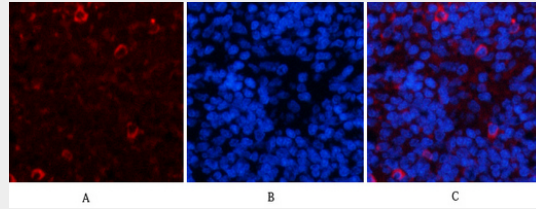
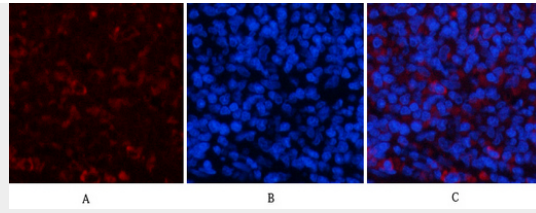
### Jagged1 Polyclonal Antibody - Protocols

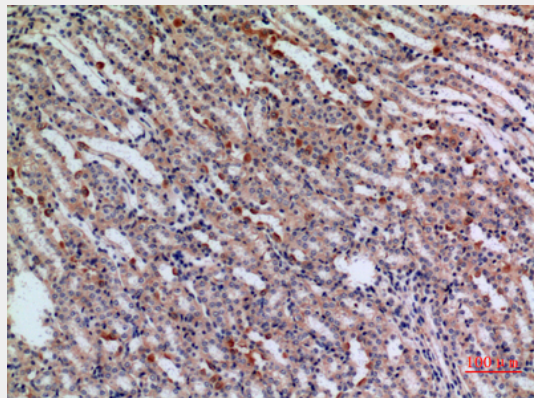
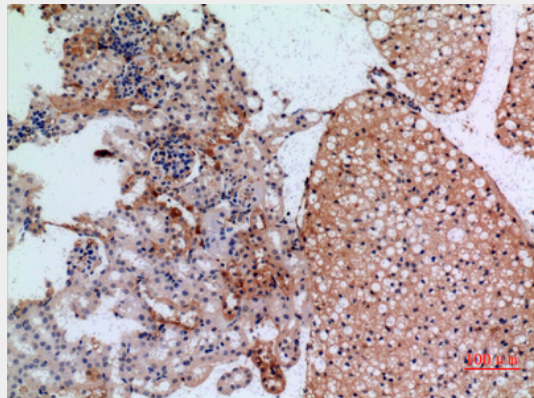
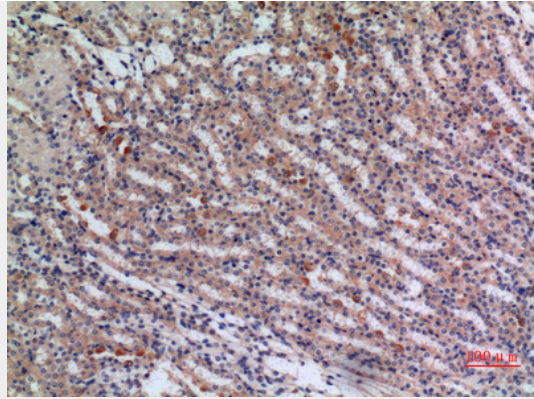
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

### Jagged1 Polyclonal Antibody - Images







### **Jagged1 Polyclonal Antibody - Background**

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).