

Anti-JAG1 Rabbit Monoclonal Antibody

Catalog # ABO15147

Product Information

Application	WB, IHC
Primary Accession	P78504
Host	Rabbit
Isotype	IgG
Reactivity	Human
Clonality	Monoclonal
Format	Liquid
Description	Anti-JAG1 Rabbit Monoclonal Antibody . Tested in WB, IHC applications. This antibody reacts with Human.

Additional Information

Gene ID	182
Other Names	Protein jagged-1, Jagged1, hJ1, CD339, JAG1, JAGL1
Calculated MW	133799
Application Details	WB 1:500-1:2000 IHC 1:50-1:200
Source	Eukaryota
Contents	Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol, 0.4-0.5mg/ml BSA.
Clone Names	Clone: 17J22
Immunogen	A synthesized peptide derived from human JAG1
Purification	Affinity-chromatography
Storage	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.

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).

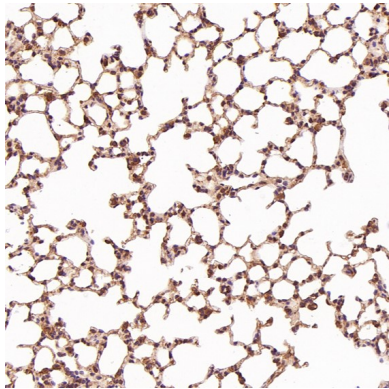
Cellular Location

Membrane; Single-pass type I membrane protein. Cell membrane

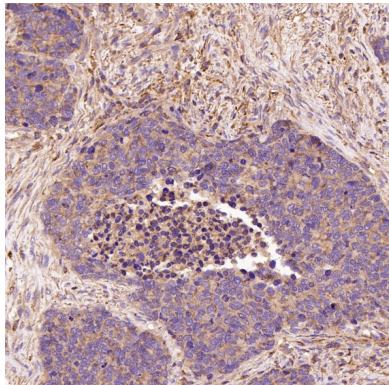
Tissue Location

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

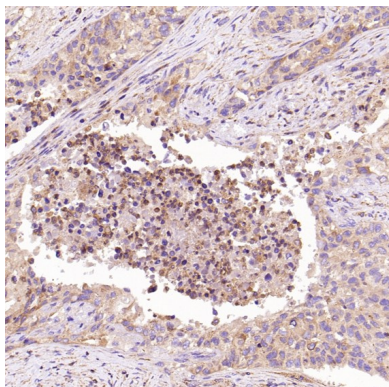
Images



Immunohistochemical analysis of paraffin-embedded Rat liver, using the Antibody at 1:200 dilution.

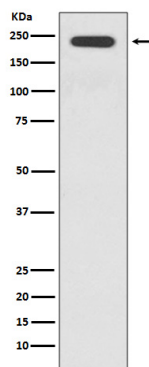
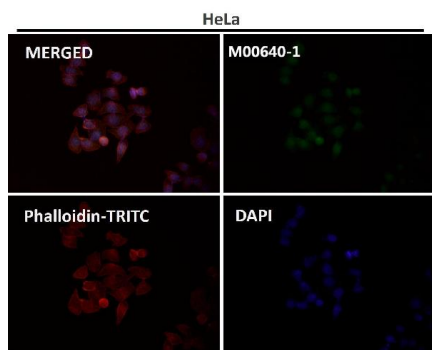


Immunohistochemical analysis of paraffin-embedded Human lung large cell cancer, using the Antibody at 1:50 dilution.

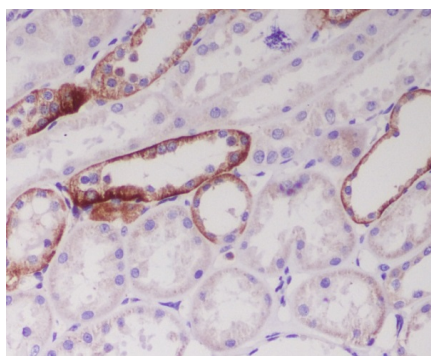


Immunohistochemical analysis of paraffin-embedded Human squamous carcinoma, using the Antibody at 1:300 dilution.

Immunofluorescent analysis using the Antibody at 1:50 dilution.



Western blot analysis of JAG1 expression in HepG2 cell lysate.



Immunohistochemical analysis of paraffin-embedded human kidney, using JAG1 Antibody.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.