

Jagged 1 Antibody

Catalog No: #48255



Package Size: #48255-1 50ul #48255-2 100ul

Orders: order@signalwayantibody.com

Support: tech@signalwayantibody.com

Description

Product Name	Jagged 1 Antibody
Host Species	Rabbit
Clonality	Polyclonal
Purification	Peptide affinity purified
Applications	ICC, IHC, FC
Species Reactivity	Hu, Ms, Rt
Immunogen Description	Peptide
Other Names	AGS antibody AHD antibody AWS antibody CD 339 antibody CD339 antibody CD339 antigen antibody Headturner antibody hJ1 antibody Htu antibody Jag 1 antibody Jag1 antibody JAG1_HUMAN antibody Jagged 1 antibody Jagged1 (Alagille syndrome) antibody Jagged1 antibody JAGL1 antibody MGC104644 antibody OTTHUMP00000030278 antibody Protein jagged-1 antibody Ser 1 antibody Ser1 antibody Serrate 1 antibody Slalom antibody
Accession No.	Swiss-Prot#:P78504
Calculated MW	133 kDa
Formulation	1*TBS (pH7.4), 0.5%BSA, 50%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

Application Details

IHC: 1:50-1:200 ICC: 1:50-1:200 FC: 1:50-1:200

Background

The LIN-12/Notch family of transmembrane receptors is believed to play a central role in development by regulating cell fate decisions. Ligands for Notch include Jagged1, Jagged2 and Delta. Jagged is a membrane protein and can activate Notch and prevent myoblast differentiation by inhibiting the expression of muscle regulatory and structural genes. It is involved in mammalian cardiovascular development and in cell-fate decisions during hematopoiesis. Jagged is expressed in adult and fetal tissues, and expression is upregulated in cervical squamous cell carcinoma. Familial Tetralogy of Fallot, the most common form of complex congenital heart disease, is caused by a mutation in the Jagged1 gene.

References

1. Lv JY et al. Deciphering the anti-angiogenic effect of endostatin/cyclophosphamide to normalize tumor microangiogenesis through notch signaling pathway in colon cancer. *World J Surg Oncol* 14:10 (2016).
2. Ezratty EJ et al. A Presenilin-2-ARF4 trafficking axis modulates Notch signaling during epidermal differentiation. *J Cell Biol* 214:89-101 (2016).

Note: This product is for in vitro research use only and is not intended for use in humans or animals.