

Jagged1 Rabbit mAb

Catalog No: #49377

Package Size: #49377-1 50ul #49377-2 100ul

Description

Product Name	Jagged1 Rabbit mAb
Clonality	Monoclonal
Clone No.	JF96-06
Purification	ProA affinity purified
Applications	WB IHC ICC/IF
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Unconjugated
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	Predicted band size: 134 kDa
SDS-PAGE MW	Observed band size: 180 kDa
Formulation	1*TBS (pH7.4), 1%BSA, 40%Glycerol. Preservative: 0.05% Sodium Azide.
Storage	Store at -20°C

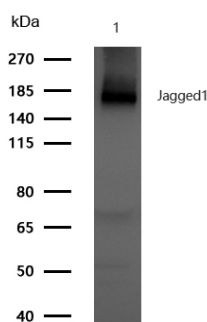
Application Details

WB: 1:500-1:2000

IHC: 1:50-1:200

ICC/IF: 1:50-1:200

Images



All lanes: Jagged1 Rabbit mAb at 1/1k dilution

Lane 1 : HepG2 whole cell lysates

Lysates/proteins at 20 µg per lane.

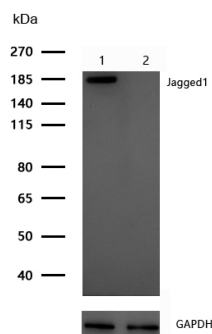
Secondary

All lanes : Goat Anti-Rabbit IgG H&L (HRP) at 1/20000 dilution

Predicted band size: 134 kDa

Observed band size: 180 kDa

Exposure time: 13 seconds

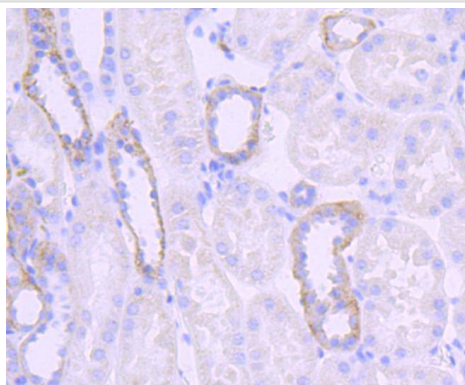


All lanes :Jagged1 Rabbit mAb at 1/1k dilution

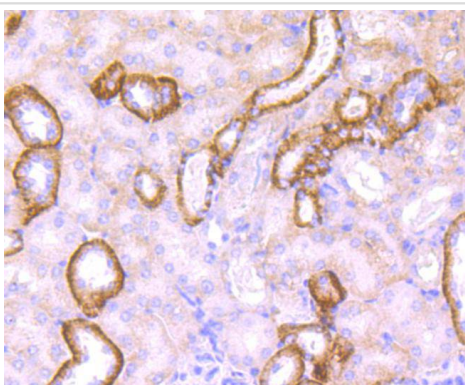
Lane 1 : Wild-type HT-1080 cell lysate

Lane 2 : Jagged1 knockdown HT-1080 cell lysate

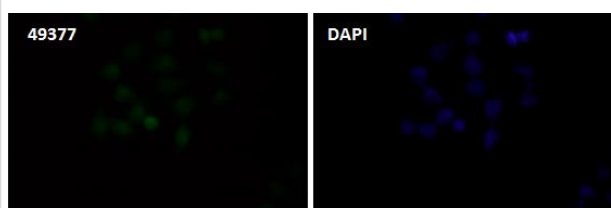
Lysates/proteins at 20 µg per lane.



Formalin-fixed, paraffin-embedded human kidney tissue stained for Jagged1 using 49377 at 1/100 dilution in immunohistochemical analysis.



Formalin-fixed, paraffin-embedded mouse kidney tissue stained for Jagged1 using 49377 at 1/100 dilution in immunohistochemical analysis.



Immunocytochemistry/ Immunofluorescence Jagged1 antibody (49377) ICC/IF staining of Jagged1 in Hela cells. Cells were fixed with 4% Paraformaldehyde permeabilized with 0.1% Triton X-100.

Samples were incubated with 49377 at a working dilution of 1/100. The secondary antibody was Alexa FluorB 488 goat anti rabbit, used at a dilution of 1/500.

Nuclei were counterstained with DAPI.

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.

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