

Jagged1 Conjugated Antibody

Catalog No: #C49377

Package Size: #C49377-AF350 100ul #C49377-AF405 100ul #C49377-AF488 100ul #C49377-AF555 100ul #C49377-AF594 100ul #C49377-AF647 100ul #C49377-AF680 100ul #C49377-AF750 100ul #C49377-Biotin 100ul #C49377-Conjugated 50ul

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Description

Product Name	Jagged1 Conjugated Antibody
Host Species	Rabbit
Clonality	Monoclonal
Applications	WB, IF
Species Reactivity	Hu, Ms, Rt
Immunogen Description	recombinant protein
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
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 OTTHUMP0000030278 antibody Protein jagged-1 antibody Ser 1 antibody Ser1 antibody Serrate 1 antibody Slalom antibody
Accession No.	Swiss-Prot#:P78504
Calculated MW	134 kDa
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

WB: 1:50-1:200

IF: 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.

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