

Anti-Jagged1 Rabbit pAb



WL03261

For Research Use Only. Not For Use In Diagnostic Procedures

Product Information

Product name	Anti-Jagged1 Rabbit pAb	
Source	Rabbit	
Species reactivity	Human, Mouse, Rat	
Tested applications	WB	1:1000-1:2000
	IHC	1:100-1:400
	IF	1:100-1:400
Cellular localization	Membrane	
Pack size	50/100/200/500/1000μl	
Storage	Store at -20°C. Avoid freeze/thaw cycles.	
Storage buffer	Supplied in 20 mM phosphate (pH 7.5), 150 mM NaCl, 100 μg/ml	
	BSA, 50% glycerol and less than 0.02% sodium azide	

General Information

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. Mutation in Jagged1 is associated with Alagille syndrome, an autosomal dominant disorder characterized by abnormal development of liver, heart, skeleton, eye, and face and Tetralogy of Fallot (ToF), a common form of complex congenital heart disease. Jagged1 expression is associated with prostate cancer metastasis and recurrence.
Immunogen	Polyclonal antibody is produced by immunizing animals with a synthetic peptide of Jagged1.
Purification	Polyclonal antibody was purified by protein A affinity chromatography.

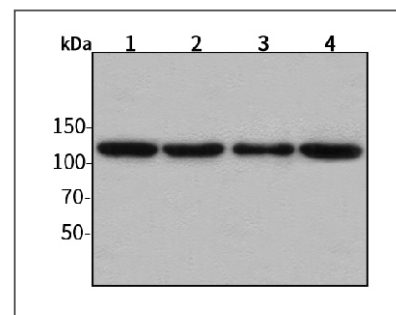
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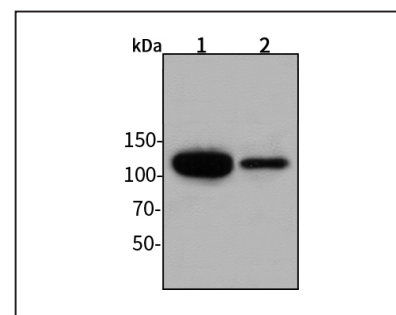
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Product Images



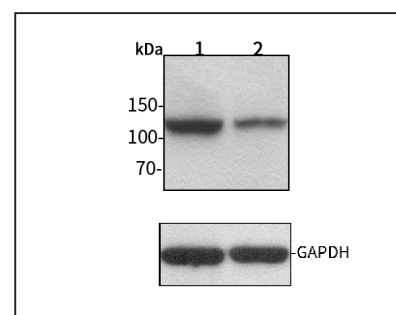
Western blot-Anti-Jagged1 pAb

Lane 1: Human HepG2 cell lysate
 Lane 2: Human Hela cell lysate
 Lane 3: Human BGC-823 cell lysate
 Lane 4: Human MGC-803 cell lysate
 All lanes: Anti-Jagged1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 134 kDa
 Observed band size: 134-200 kDa



Western blot-Anti-Jagged1 pAb

Lane 1: Mouse heart tissue lysate
 Lane 2: Rat liver tissue lysate
 All lanes: Anti-Jagged1 at 1:1000 dilution
 Lysates/proteins at 20-50 μg per lane.
 Predicted band size: 134 kDa
 Observed band size: 134-200 kDa



Western blot-Anti-Jagged1 pAb

Lane 1: HEK293-siRNA control
 Lane 2: HEK293-siRNA against Jagged1
 Target sequence(5'-3'): GGUCAGAAUUGACAUAAATT
 UUAUGUCACAAUUCUGACCTT

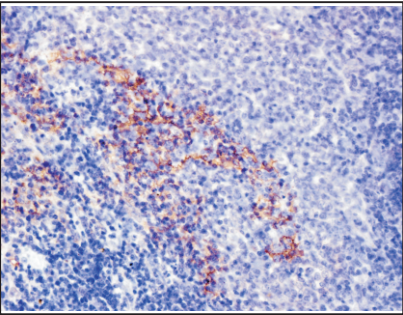
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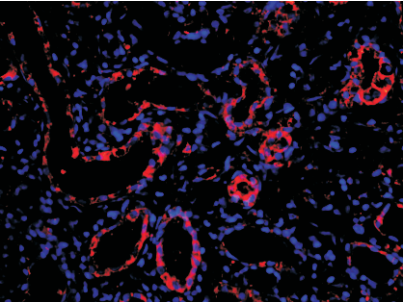
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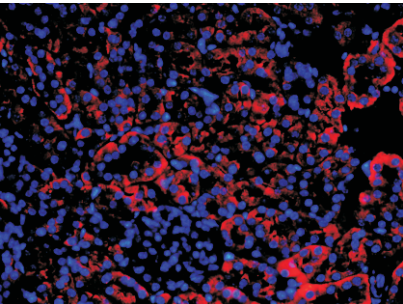
Immunohistochemistry-Anti-Jagged1 pAb

Immunohistochemical analysis of paraffin-embedded rat spleen using anti-Jagged1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Jagged1 pAb

Immunofluorescence analysis of paraffin-embedded human kidney cancer using anti-Jagged1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0



Immunofluorescence-Anti-Jagged1 pAb

Immunofluorescence analysis of paraffin-embedded mouse kidney using anti-Jagged1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0

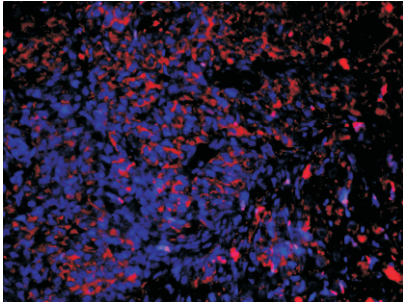
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Immunofluorescence-Anti-Jagged1 pAb

Immunofluorescence analysis of paraffin-embedded rat ovary using anti-Jagged1 Rabbit Antibody at 1:200 dilution.
Perform heat mediated antigen retrieval with Tris-EDTA buffer pH 9.0