

ARG65984 anti-Jagged 1 antibody

Package: 100 µg
Store at: -20°C

Summary

Product Description	Rabbit Polyclonal antibody recognizes Jagged 1
Tested Reactivity	Hu, Ms
Predict Reactivity	Rat
Tested Application	IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	Jagged 1
Species	Human
Immunogen	Synthetic peptide around the internal region of Human Jagged1.
Conjugation	Un-conjugated
Alternate Names	Protein jagged-1; HJ1; AHD; Jagged1; AWS; CD antigen CD339; CD339; JAGL1; hJ1; AGS

Application Instructions

Application table	Application	Dilution
	IHC-P	1:100 - 1:300
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

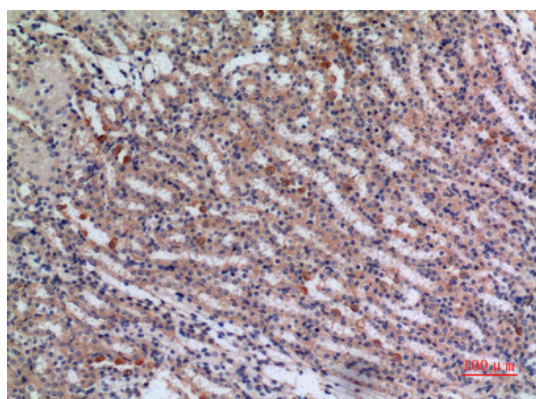
Properties

Form	Liquid
Purification	Affinity purification with immunogen.
Buffer	PBS, 0.02% Sodium azide, 50% Glycerol and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol and 0.5% BSA
Concentration	1 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.
Note	For laboratory research only, not for drug, diagnostic or other use.

Bioinformation

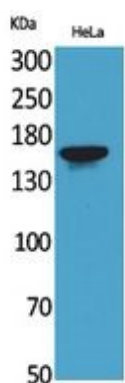
Database links	GeneID: 16449 Mouse
	GeneID: 182 Human
	Swiss-port # P78504 Human
	Swiss-port # Q9QXX0 Mouse
Gene Symbol	JAG1
Gene Full Name	jagged 1
Background	The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophila jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophila jagged receptor notch. Mutations that alter the jagged 1 protein cause Alagille syndrome. Jagged 1 signalling through notch 1 has also been shown to play a role in hematopoiesis. [provided by RefSeq, Jul 2008]
Function	Ligand for multiple Notch receptors and involved in the mediation of Notch signaling. May be involved in cell-fate decisions during hematopoiesis. 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). [UniProt]
Calculated Mw	134 kDa
Cellular Localization	Membrane; Single-pass type I membrane protein

Images



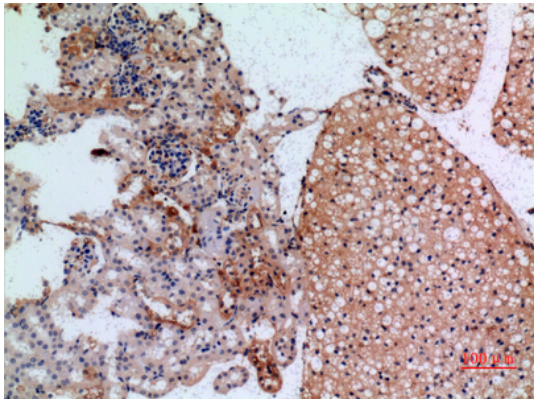
ARG65984 anti-Jagged 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse kidney tissue stained with ARG65984 anti-Jagged 1 antibody at 1:100 dilution.



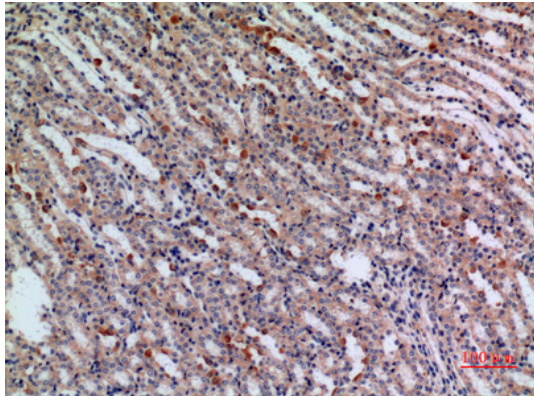
ARG65984 anti-Jagged 1 antibody WB image

Western blot: HeLa cells stained with ARG65984 anti-Jagged 1 antibody.



ARG65984 anti-Jagged 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse kidney tissue stained with ARG65984 anti-Jagged 1 antibody at 1:100 dilution.



ARG65984 anti-Jagged 1 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Mouse kidney tissue stained with ARG65984 anti-Jagged 1 antibody at 1:100 dilution.
