

Rabbit JAG1 / Jagged 1 Polyclonal Antibody | anti-JAG1 antibody

Rabbit Polyclonal (IgG) to Human JAG1 / Jagged 1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA50881	Rabbit	Human Predicted Reactivity: Chimpanzee, Mouse, Rat (at least 90% immunogen sequence identity)	ELISA, Western Blot, Immunofluorescence, Immunocytochemistry, Immunohistochemistry

PRODUCT SYNONYMS

JAG1 / Jagged 1; Polyclonal Antibody; Rabbit Polyclonal (IgG) to Human JAG1 / Jagged 1; Anti-JAG1 / Jagged 1 Antibody (aa110-125) IHC-plus; JAG1; AGS; AHD; Alagille syndrome; CD339 antigen; HJ1; Jagged1; JAGL1; Jagged; Jagged 1; Protein jagged-1; AWS; CD339; Soluble protein jagged; Human JAG1; anti-JAG1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human Predicted Reactivity: Chimpanzee, Mouse, Rat (at least 90% immunogen sequence identity)
Clonality	Polyclonal
Isotype	IgG
Specificity	Recognizes human Jagged1 (JAG1).
Purity/Purification	Protein A Purified
Form/Format	PBS, pH 7.2, 0.01% sodium azide.
Concentration	1 mg/ml (varies by lot)
Sequence Length	1218
Applicable Applications for anti-JAG1 antibody	ELISA, WB (Western Blot), IF (Immunofluorescence), ICC (Immunocytochemistry), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	Synthetic peptide corresponding to aa 110-125 of human Jagged-1protein.
Immunogen Type	Synthetic peptide
Immunogen	JAG1 / Jagged 1 antibody was raised against synthetic peptide corresponding to aa 110-125 of human Jagged-1protein.
Antigen Modification	aa110-125
Preparation and Storage	+4 degree C or -20 degree C, Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-JAG1 / Jagged 1 antibody IHC of human kidney. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval. Antibody concentration 5 ug/ml.

ADDITIONAL INFORMATION

Related Product Information for anti-JAG1 antibody	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.
--	--

NCBI AND UNIPROT INFORMATION

NCBI GI #	4557679
NCBI GeneID	182
NCBI Accession #	NP_000205.1
NCBI GenBank Nucleotide #	NM_000214.2
UniProt Accession #	P78504; O14902; O15122; Q15816; A0AV43; B4DYR1; E9PCF9
Molecular Weight	116,579 Da
NCBI Official Full Name	protein jagged-1
NCBI Official Synonym Full Names	jagged 1
NCBI Official Symbol	JAG1
NCBI Official Synonym Symbols	AGS; AHD; AWS; HJ1; CD339; JAGL1
NCBI Protein Information	protein jagged-1
UniProt Protein Name	Protein jagged-1
UniProt Gene Name	JAG1
UniProt Synonym Gene Names	JAGL1; Jagged1; hJ1
UniProt Entry Name	JAG1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.