

Rabbit JAG1 Polyclonal Antibody | anti-JAG1 antibody

JAG1 Antibody

CATALOG # AAA327443	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS ELISA, Western Blot
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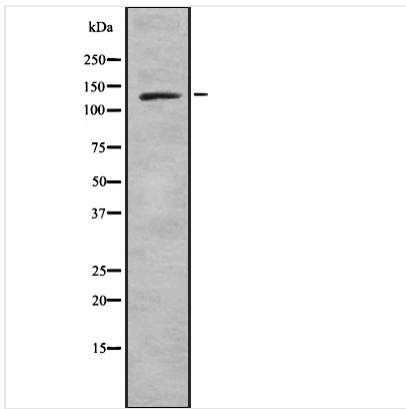
PRODUCT SYNONYMS

JAG1; Polyclonal Antibody; JAG1 Antibody; AGS; AHD; AWS; CD 339; CD339; CD339 antigen; Headturner; hJ1; Htu; Jag 1; Jag1; JAG1_HUMAN; Jagged 1; Jagged1 (Alagille syndrome); Jagged1; JAGL1; MGC104644; OTTHUMP00000030278; Protein jagged-1; Ser 1; Ser1; Serrate 1; Slalom; anti-JAG1 antibody

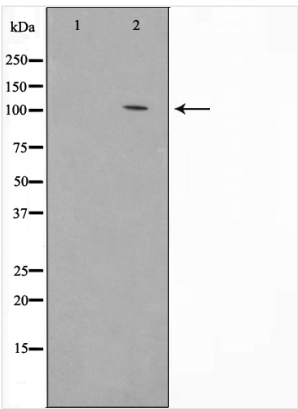
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	JAG1 antibody detects endogenous levels of total JAG1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	1218
Applicable Applications for anti-JAG1 antibody	ELISA, WB (Western Blot)
Immunogen	A synthesized peptide derived from human JAG1
Subcellular Location	Membrane.
Tissue Specificity	Widely expressed in adult and fetal tissues. In cervix epithelium expressed in undifferentiated subcolumnar reserve cells and squamous metaplasia. Expression is up-regulated in cervical squamous cell carcinoma. Expressed in bone marrow cell line HS-27a which supports the long-term maintenance of immature progenitor cells.
Predicted Cross Reactivity	Pig, Bovine, Horse, Rabbit, Xenopus
Similarity	Pig (93%), Bovine (93%), Horse (86%), Rabbit (100%), Xenopus (85%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)
Western blot analysis of JAG1 Antibody expression in Mouse liver tissue lysates.



WB (Western Blot)
Western blot analysis of JAG1 using 293 whole cell lysates

ADDITIONAL INFORMATION

Related Product Information for anti-JAG1 antibody	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). Subunit Structure: Interacts with NOTCH2 and NOTCH3 (By similarity). Interacts with NOTCH1 (in the presence of calcium ions) (PubMed:18660822). Similarity: The second EGF-like domain is atypical.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	4557679
NCBI GeneID	182
NCBI Accession #	NP_000205.1
NCBI GenBank Nucleotide #	NM_000214.3
UniProt Accession #	P78504; O14902; O15122; Q15816; A0AV43; B4DYR1; E9PCF9
Molecular Weight	Observed: 134 kDa Predicted: 134 kDa
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; AGS1; DCHE; 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

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.