

Rabbit JAG2 Polyclonal Antibody | anti-JAG2 antibody

JAG2 antibody - N-terminal region

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA199535	Rabbit	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Pig, Rat	Immunohistochemistry, Western Blot

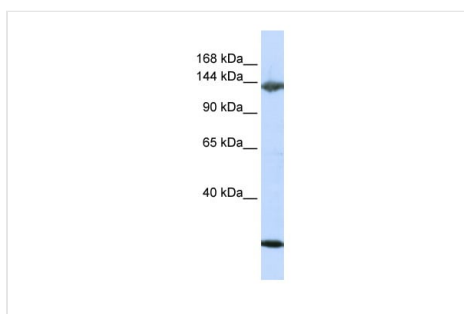
PRODUCT SYNONYMS

JAG2; Polyclonal Antibody; JAG2 antibody - N-terminal region; anti-JAG2 antibody

PRODUCT SPECIFICATIONS

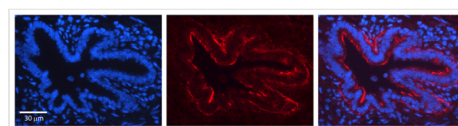
Host	Rabbit
Reactivity	Tested Reactivity: Human Predicted Reactivity: Human, Mouse, Pig, Rat
Clonality	Polyclonal
Purity/Purification	Affinity Purified
Form/Format	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Concentration	Batch dependent within range: 100 ul at 0.5 - 1 mg/ml (varies by lot)
Sequence	RAQGRGRLPR RLLLLLALWV QAARPMGYFE LQLSALRNVN GELLSGACCD
Applicable Applications for anti-JAG2 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Protein Size (# AA)	1238 amino acids
Protein Interactions	GFI1B; ATN1; ATXN7; CACNA1A; MIB2; NOTCH3; NOTCH2; NOTCH1;
Blocking Peptide	For anti-JAG2 antibody is Catalog #
Immunogen	The immunogen is a synthetic peptide directed towards the N terminal region of human JAG2
Replacement Item	This antibody may replace item sc-8157 from Santa Cruz Biotechnology.
Predicted Homology	Human: 100%; Mouse: 100%; Pig: 100%; Rat: 100%
Preparation and Storage	For short term use, store at 2-8C up to 1 week. For long term storage, store at -20C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)

WB Suggested Anti-JAG2 Antibody Titration: 0.2-1 ug/ml
ELISA Titer: 1:62500
Positive Control: Jurkat cell lysate



IHC (Immunohistochemistry)

JAG2 antibody - N-terminal region
Formalin Fixed Paraffin Embedded Tissue: Human Bronchial Epithelial Tissue
Observed Staining: Membrane of bronchial epithelial tissue
Primary Antibody Concentration: 1:100
Secondary Antibody: Donkey anti-Rabbit-Cy3
Secondary Antibody Concentration: 1:200
Magnification: 20X
Exposure Time: 0.5 - 2.0 sec

ADDITIONAL INFORMATION

Related Product Information for anti-JAG2 antibody	The Notch signaling pathway is an intercellular signaling mechanism that is essential for proper embryonic development. Members of the Notch protein family are transmembrane receptors that are critical for various cell fate decisions. JAG2 is one of several ligands that activate Notch and related receptors. The Notch signaling pathway is an intercellular signaling mechanism that is essential for proper embryonic development. Members of the Notch gene family encode transmembrane receptors that are critical for various cell fate decisions. The protein encoded by this gene is one of several ligands that activate Notch and related receptors. Two transcript variants encoding different isoforms have been found for this gene.
Product Categories/Family for anti-JAG2 antibody	Polyclonal; Signal Proteins; Cell Cycle Proteins; Lymphocyte Signaling; Growth Factors & Hormones; Membrane Protein; Developmental Biology; Signal Transduction; Membrane & Traffic; Cell Differentiation

NCBI AND UNIPROT INFORMATION

NCBI GI #	21704277
NCBI GeneID	3714
NCBI Accession #	NP_002217
NCBI GenBank Nucleotide #	NM_002226
UniProt Accession #	Q9Y219
Molecular Weight	130kDa
NCBI Official Full Name	protein jagged-2 isoform a
NCBI Official Synonym Full Names	jagged canonical Notch ligand 2
NCBI Official Symbol	JAG2
NCBI Official Synonym Symbols	HJ2; SER2
NCBI Protein Information	protein jagged-2
UniProt Protein Name	Protein jagged-2
UniProt Gene Name	JAG2
UniProt Synonym Gene Names	Jagged2; hJ2

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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/jag2-antibody-immunohistochemistry-western-blot-elisa/199535>