

## Rabbit anti-Human JAG1 Polyclonal Antibody | anti-JAG1 antibody

JAG1 Antibody

|                               |                       |                            |                                                                        |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|
| CATALOG #<br><b>AAA232648</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human</b> | APPLICATIONS<br><b>Immunofluorescence, Immunohistochemistry, ELISA</b> |
|-------------------------------|-----------------------|----------------------------|------------------------------------------------------------------------|

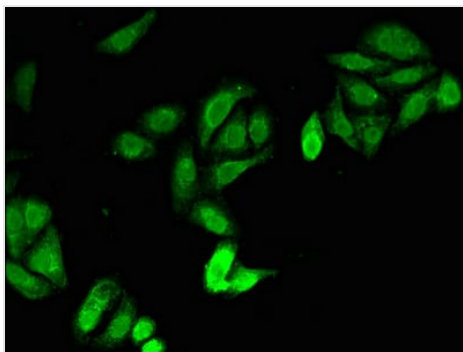
### PRODUCT SYNONYMS

JAG1; Polyclonal Antibody; JAG1 Antibody; Protein jagged-1; Jagged1; hJ1; CD339; JAGL1; anti-JAG1 antibody

### PRODUCT SPECIFICATIONS

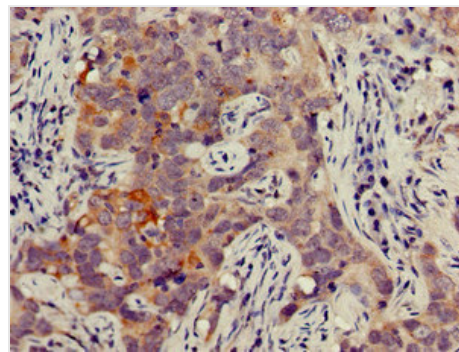
|                                                |                                                                                                                |
|------------------------------------------------|----------------------------------------------------------------------------------------------------------------|
| Host                                           | Rabbit                                                                                                         |
| Reactivity                                     | Human                                                                                                          |
| Clonality                                      | Polyclonal                                                                                                     |
| Isotype                                        | IgG                                                                                                            |
| Purity/Purification                            | >95%, Protein G purified                                                                                       |
| Form/Format                                    | Liquid                                                                                                         |
| Sequence Length                                | 1218                                                                                                           |
| Applicable Applications for anti-JAG1 antibody | IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA                                                     |
| Immunogen                                      | Recombinant Human Protein jagged-1 protein (809-1046AA)                                                        |
| Preservative                                   | 0.03% Proclin 300                                                                                              |
| Constituents                                   | 50% Glycerol, 0.01M PBS, pH 7.4                                                                                |
| Conjugation                                    | Non-conjugated                                                                                                 |
| Santa Cruz Alternative                         | Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-11376 / sc-34473 / sc-34474 / sc-8303  |
| Preparation and Storage                        | Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze. |

### IMAGES



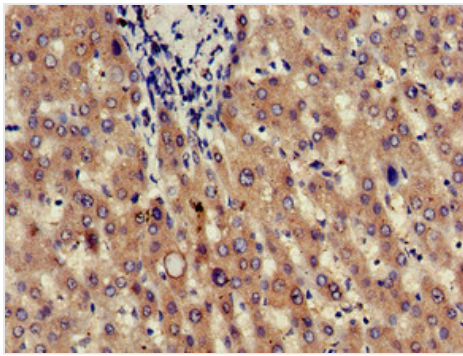
#### IHC (Immunohistochemisry)

Immunofluorescent analysis of HepG2 cells using AAA232648 at a dilution of 1:100 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L)



#### IHC (Immunohiostchemistry)

Immunohistochemistry of paraffin-embedded human pancreatic cancer using AAA232648 at dilution of 1:100



**IHC (Immunohistochemistry)**  
Immunohistochemistry of paraffin-embedded human liver tissue using AAA232648 at dilution of 1:100

### ADDITIONAL INFORMATION

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

### 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; AGS1; CD339; JAGL1                 |
| NCBI Protein Information         | protein jagged-1                                       |
| UniProt Protein Name             | Protein jagged-1                                       |
| UniProt Gene Name                | <b>JAG1</b>                                            |
| 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.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/jag1-antibody-immunofluorescence-immunohistochemistry-elisa/232648>