

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

JAG1 Rabbit Polyclonal Antibody

| CATALOG # | HOST   | REACTIVITY   | APPLICATIONS                     |
|-----------|--------|--------------|----------------------------------|
| AAA313333 | Rabbit | Human, Mouse | Immunofluorescence, Western Blot |

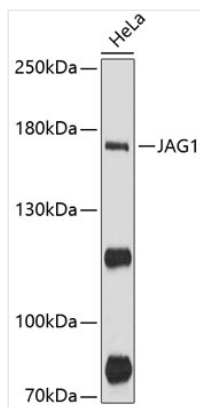
## PRODUCT SYNONYMS

JAG1; Polyclonal Antibody; JAG1 Rabbit Polyclonal Antibody; AGS; AGS1; AHD; AWS; CD339; HJ1; JAGL1; jagged 1; anti-JAG1 antibody

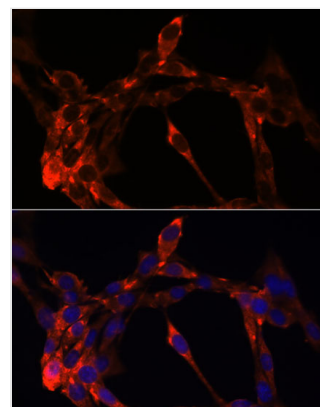
## PRODUCT SPECIFICATIONS

|                                                |                                                           |
|------------------------------------------------|-----------------------------------------------------------|
| Host                                           | Rabbit                                                    |
| Reactivity                                     | Human, Mouse                                              |
| Clonality                                      | Polyclonal                                                |
| Isotype                                        | IgG                                                       |
| Purity/Purification                            | Affinity purification                                     |
| Form/Format                                    | Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3. |
| Applicable Applications for anti-JAG1 antibody | IF (Immunofluorescence), WB (Western Blot)                |
| Immunogen                                      | Recombinant fusion protein of human JAG1 (NP_000205.1).   |
| Preparation and Storage                        | Store at -20 degree C. Avoid freeze/thaw cycles.          |

## IMAGES


**WB (Western Blot)**

Western blot analysis of extracts of HeLa cells, using JAG1 at 1:3000 dilution.


**IF (Immunofluorescence)**

Immunofluorescence analysis of NIH/3T3 cells using JAG1 at dilution of 1:100. Blue: DAPI for nuclear staining.

## 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.

Product Categories/Family for anti-JAG1 antibody

Primary Antibody

## NCBI AND UNIPROT INFORMATION

|                                  |                                                        |
|----------------------------------|--------------------------------------------------------|
| NCBI GI #                        | 4557679                                                |
| NCBI GeneID                      | 182                                                    |
| NCBI Accession #                 | NP_000205                                              |
| NCBI GenBank Nucleotide #        | NM_000214.2                                            |
| UniProt Accession #              | P78504; O14902; O15122; Q15816; A0AV43; B4DYR1; E9PCF9 |
| Molecular Weight                 | Predicted: 134 kDa                                     |
|                                  | Observed: 130 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; 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://stage.aaabiotech.com/polyclonal/jag1-antibody-immunofluorescence-western-blot-elisa/313333>