

JAG1 Rabbit Polyclonal Antibody

Catalog No: #53426



Package Size: #53426-1 50ul #53426-2 100ul

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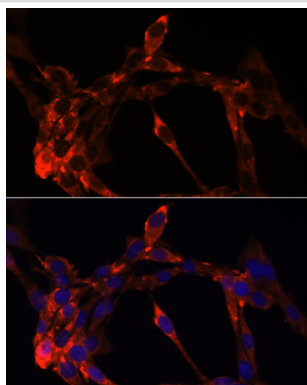
Description

Product Name	JAG1 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IF
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human JAG1 (NP_000205.1).
Other Names	JAG1;AGS;AGS1;AHD;AWS;CD339;HJ1;JAGL1;jagged 1
Accession No.	Swiss Prot:P78504GeneID:182
Calculated MW	116kDa/133kDa
SDS-PAGE MW	160kDa
Formulation	Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

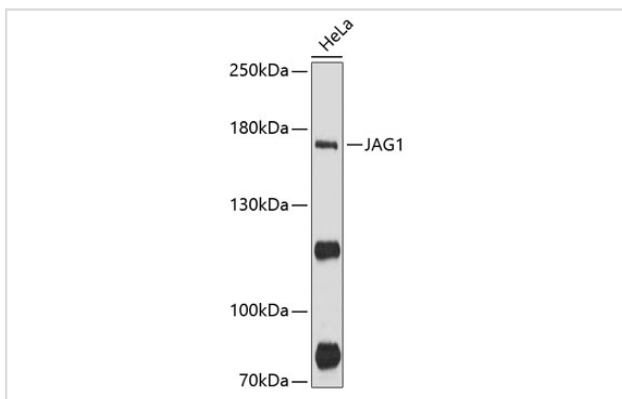
Application Details

WB □ 1:500 - 1:2000 IF □ 1:50 - 1:200

Images



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



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

Background

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.

Note: This product is for in vitro research use only and is not intended for use in humans or animals.