OriGene Technologies, Inc.
9620 Medical Center Drive, Ste 200
Rockville, MD 20850, US
Phone: +1-888-267-4436
https://www.origene.com
techsupport@origene.com
EU: info-de@origene.com
CN: techsupport@origene.cn

Product datasheet for AP52261PU-N

Jagged1 (JAG1) (C-term) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	FC, WB
Recommended Dilution:	**ELISA:** 1/1000. **Western Blot:** 1/100-1/500. **Flow Cytometry:** 1/10-1/50.
Reactivity:	Human
Host:	Rabbit
Isotype:	Ig
Clonality:	Polyclonal
Immunogen:	KLH conjugated synthetic peptide between 1129-1158 amino acids from the C-terminal region of Human CD339 / JAG1
Specificity:	This antibody recognizes Human CD339 / JAG1 (C-term)
Formulation:	PBS containing 0.09% (W/V) Sodium Azide as preservative State: Aff - Purified State: Liquid purified Ig fraction
Concentration:	lot specific
Purification:	Protein A column, followed by peptide affinity purification
Conjugation:	Unconjugated
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing.
Stability:	Shelf life: one year from despatch.
Gene Name:	jagged 1
Database Link:	Entrez Gene 182 Human P78504

View online »

Background: The jagged 1 protein encoded by JAG1 is the human homolog of the Drosophilia jagged protein. Human jagged 1 is the ligand for the receptor notch 1, the latter a human homolog of the Drosophilia 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.

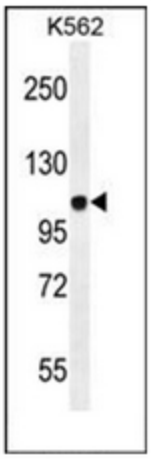
Synonyms: Jagged-1, hJ1, JAGL1

Note: **Molecular Weight:** 133799 Da

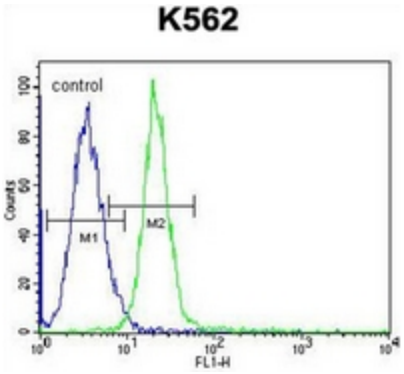
Protein Families: Druggable Genome, ES Cell Differentiation/IPS, Transmembrane

Protein Pathways: Notch signaling pathway

Product images:



Western blot analysis of CD339 / JAG1 Antibody (C-term) in K562 cell line lysates (35ug/lane).



Flow cytometric analysis of K562 cells using CD339 / JAG1 Antibody (C-term) (right histogram) compared to a negative control cell (left histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.