

JAG1 Rabbit pAb

Catalog No.: A12754

Basic Information

Observed MW

180kDa

Calculated MW

134kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Mouse

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 is involved in signaling processes. 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.

Recommended Dilutions

WB 1:500 - 1:1000

Immunogen Information

Gene ID

182

Swiss Prot

P78504

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 34-180 of human JAG1 (NP_000205.1).

Synonyms

AGS; AHD; AWS; HJ1; AGS1; DCHE; CD339; JAGL1; CMT2HH; JAG1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

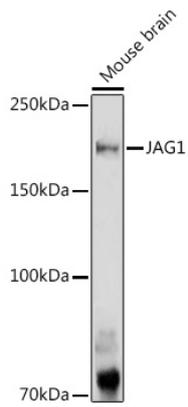
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.05% proclin300, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of extracts of Mouse brain, using JAG1 antibody (A12754) at 1:1000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25 μ g per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 180s.