JAG1 RABBIT PAB

Cat.#: S220643

Product Name: Anti-JAG1 Rabbit Polyclonal Antibody

Synonyms: AGS; AHD; AWS; HJ1; CD339; JAGL1

UNIPROT ID: P78504 (Gene Accession - NP_000205)

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.

Immunogen: Synthetic peptide of human JAG1

Applications: ELISA, IHC

Recommended Dilutions: IHC: 50-200; ELISA: 2000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

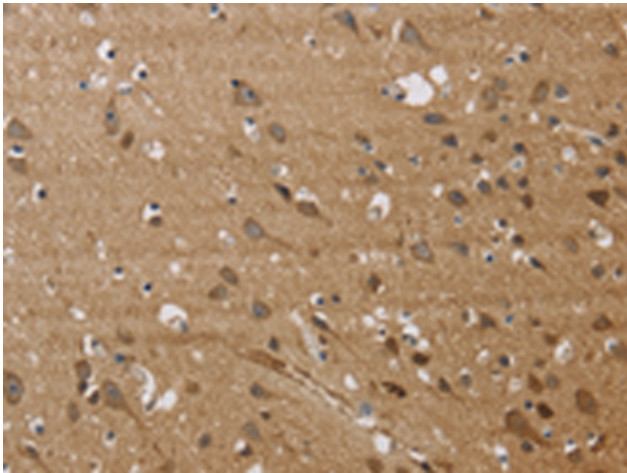**Isotype:** Immunogen-specific rabbit IgG

Purification: Antigen affinity purification

**Species Reactivity:**   Human, Mouse, Rat

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40% glycerol

**Research Areas:**   Neuroscience, Cardiovascular, Signal Transduction, Stem Cells

Storage & Shipping: Store at -20ºC. Avoid repeated freezing and thawing

Immunohistochemistry analysis of paraffin embedded Human brain tissue using 220643(JAG1 Antibody) at a dilution of 1/40(Cytoplasm).
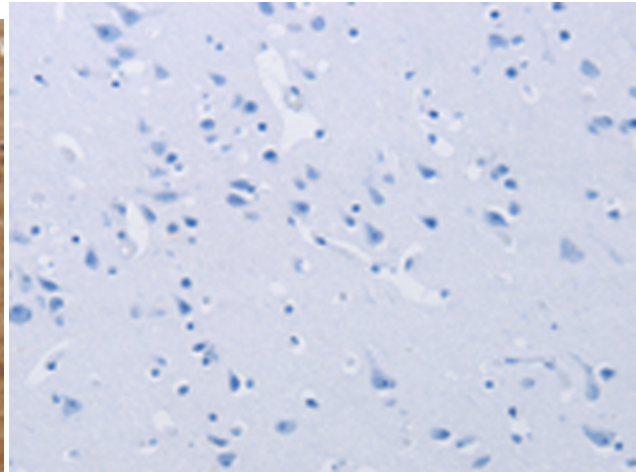
In comparision with the IHC on the left, the same paraffin-embedded Human brain tissue is first treated with the synthetic peptide and then with 220643(Anti-JAG1 Antibody) at dilution 1/40.
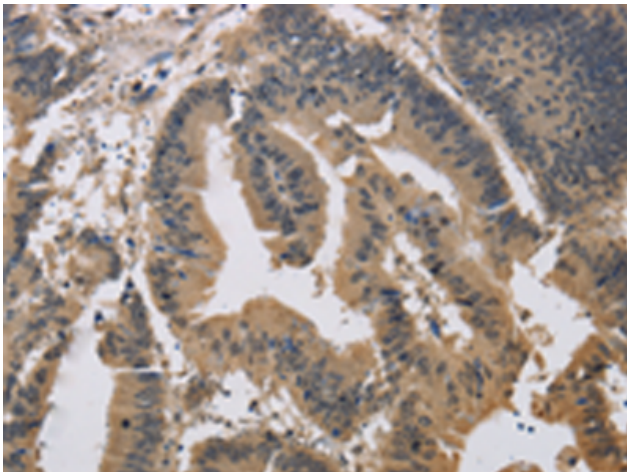
The image on the left is immunohistochemistry of paraffin-embedded Human colon cancer tissue using 220643(Anti-JAG1 Antibody) at a dilution of 1/40.
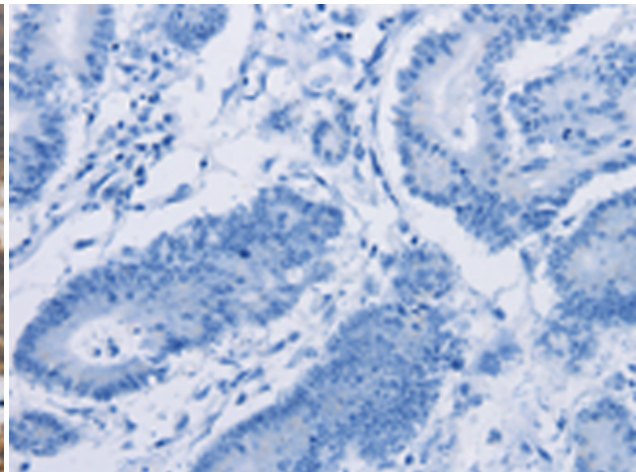
In comparision with the IHC on the left, the same paraffin-embedded Human colon cancer tissue is first treated with synthetic peptide and then with D261806(Anti-JAG1 Antibody) at dilution 1/40.