

Product datasheet for **TA351307**

Jagged1 (JAG1) Rabbit Polyclonal Antibody

Product data:

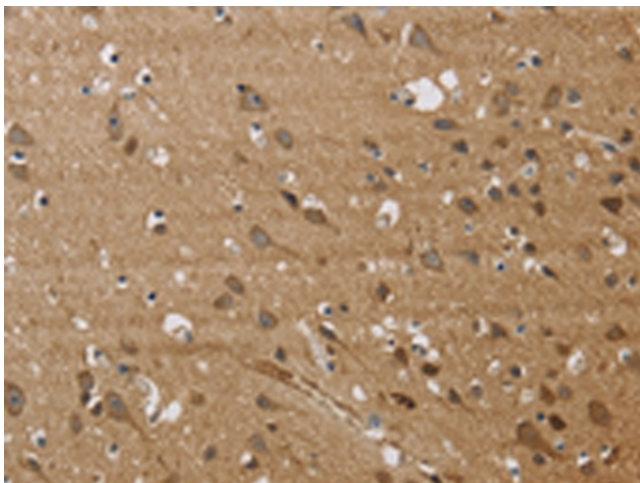
Product Type:	Primary Antibodies
Applications:	IHC
Recommended Dilution:	IHC: 50-200 Positive control: Human brain Predicted cell location: Cytoplasm
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human JAG1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Gene Name:	jagged 1
Database Link:	NP_000205 Entrez Gene 16449 Mouse Entrez Gene 29146 Rat Entrez Gene 182 Human P78504
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.
Synonyms:	AGS; AHD; AWS; CD339; HJ1; JAGL1
Protein Families:	Druggable Genome, ES Cell Differentiation/IPS, Transmembrane



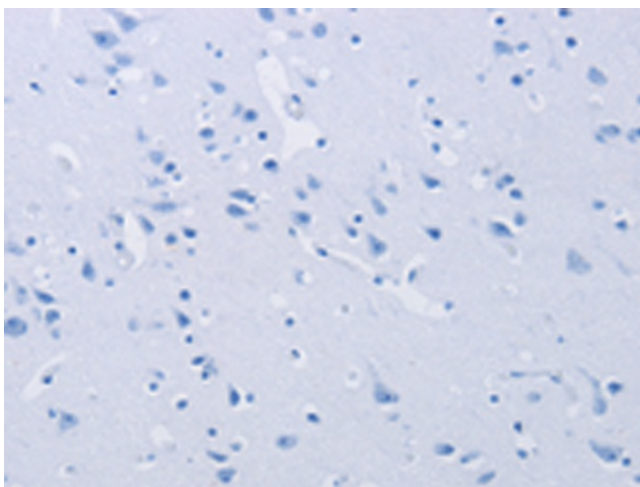
[View online »](#)

Protein Pathways: Notch signaling pathway

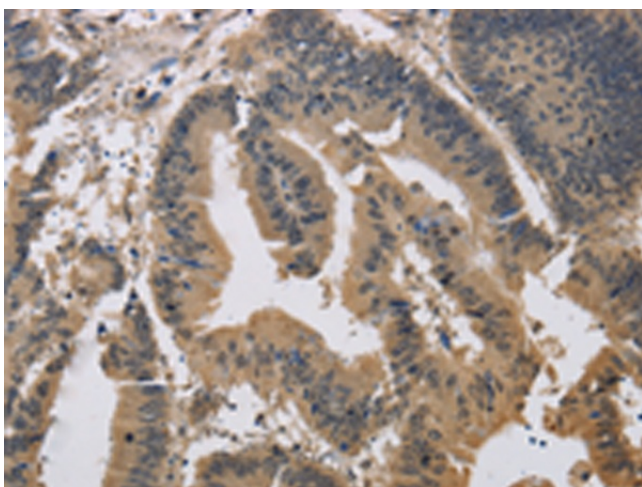
Product images:



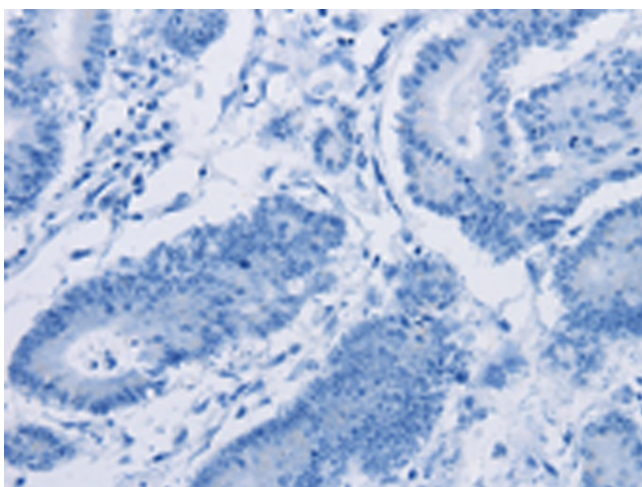
Immunohistochemistry of paraffin-embedded Human brain tissue using TA351307 (JAG1 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human brain tissue using TA351307 (JAG1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA351307 (JAG1 Antibody) at dilution 1/40 (Original magnification: ×200)



Immunohistochemistry of paraffin-embedded Human colon cancer tissue using TA351307 (JAG1 Antibody) at dilution 1/40, treated with synthetic peptide. (Original magnification: ×200)