

Datasheet for 600-401-852**Jagged 2 Antibody****Overview**

Description:	Anti-Jagged-2 (RABBIT) Antibody - 600-401-852
Item No.:	600-401-852
Size:	100 µg
Applications:	ELISA
Reactivity:	Mouse
Host Species:	Rabbit

Product Details

Background:	Jagged 2 antibody detect the Jagged protein. Jagged 2 is a Notch ligand, which shows distinct expression patterns in the developing and adult brain that overlaps that of Notch1. The Notch signaling pathway is an intercellular signaling mechanism that is essential for proper embryonic development. Members of the Notch gene family encode transmembrane receptors that are critical for various cell fate decisions. The protein encoded by this gene is one of several ligands that activate Notch and related receptors. Two transcript variants encoding different isoforms have been found for this gene. Anti-Jagged 2 antibody is ideal for investigators involved in developmental biology research.
Synonyms:	rabbit anti-Jagged-2 antibody, Protein Jagged-2, Jagged2, Jagged 2, Jag2, Jag-2, Jag 2, SER2, HJ2
Host Species:	Rabbit
Clonality:	Polyclonal
Format:	IgG

Target Details

Gene Name:	Jag2
Reactivity:	Mouse
Immunogen Type:	Conjugated Peptide

Immunogen:	Anti-Jagged-2 [RABBIT] Antibody was prepared from whole rabbit serum produced by repeated immunizations with a synthetic peptide corresponding to amino acids 111-128 of Mouse Jagged-2. Jagged 2 is a Notch ligand, which shows distinct expression patterns in the developing and adult brain that overlaps that of Notch1. Swiss Prot accession Q9QYE5. Expected to cross-react with rat Jagged-2.
Purity/Specificity:	Anti-Jagged-2 Antibody produced repeated immunizations with a synthetic peptide corresponding to residues near the middle of the mouse Jagged 2 protein and purified by immunoaffinity chromatography using the immunizing peptide after immobilization to a solid phase.
Relevant Links:	• NCBI - AAB61285.1 • UniProtKB - Q9QYE5 • GeneID - 3714

Application Details

Tested Applications:	ELISA
Application Note:	Anti-Jagged-2 Antibody has been tested for use in ELISA against the immunizing peptide. Reactivity in other immunoassays including western blot, immunohistochemistry, and immunofluorescence is expected.
Assay Dilutions:	All assays should be optimized by the user. Recommended dilutions (if any) may be listed below.
ELISA:	1:10,000 - 1:50,000
WB:	1:500- 1:2,000

Formulation

Physical State:	Liquid (sterile filtered)
Concentration:	0.9 mg/mL by UV absorbance at 280 nm
Buffer:	0.02 M Potassium Phosphate, 0.15 M Sodium Chloride, pH 7.2
Preservative:	0.01% (w/v) Sodium Azide
Stabilizer:	None

Shipping & Handling

Shipping Condition:	Dry Ice
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Storage Condition: Store vial at -20° C prior to opening. Aliquot contents and freeze at -20° C or below for extended storage. Avoid cycles of freezing and thawing. Centrifuge product if not completely clear after standing at room temperature. This product is stable for several weeks at 4° C as an undiluted liquid. Dilute only prior to immediate use.

Expiration: Expiration date is one (1) year from date of receipt.

Disclaimer

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