



Rabbit Anti-Jagged 2 antibody

SL4244R

Product Name:	Jagged 2
Chinese Name:	Notch配体Jagged 2蛋白抗体
Alias:	D12Ggc2e; HJ 2; HJ2; JAG 2; JAG2; Jagged 2 precursor; Jagged2; Syndactylism.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Dog,Pig,Cow,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	134kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human Jagged 2:201-300/1238<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	Jagged 2 is a Notch ligand involved in the mediation of Notch signaling. Jagged 2 is expressed in heart, placenta and skeletal muscle and to a lesser extend in pancreas. Very low expression in brain, lung, liver and kidney. 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. Jagged 2 is one of several ligands that activate Notch and

related receptors. Two transcript variants encoding different isoforms have been found for Jagged 2.

Subcellular Location:

Membrane; Single-pass type I membrane protein.

Tissue Specificity:

Expressed in heart, placenta and skeletal muscle and to a lesser extent in pancreas. Very low expression in brain, lung, liver and kidney.

Similarity:

Contains 1 DSL domain.
Contains 16 EGF-like domains.
Contains 1 VWFC domain.

SWISS:

Q9Y219

Gene ID:

3714

Database links:

[Entrez Gene: 3714](#) Human

[Entrez Gene: 16450](#) Mouse

[Entrez Gene: 29147](#) Rat

[Omim: 602570](#) Human

[SwissProt: Q9Y219](#) Human

[SwissProt: Q9QYE5](#) Mouse

[SwissProt: P97607](#) Rat

[Unigene: 433445](#) Human

[Unigene: 22459](#) Rat

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.