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Jagged 2 Rabbit pAb

Catalog # AP97176

Product Information

Application	WB, IHC-P, IHC-F, IF, E
Primary Accession	Q9Y219
Other Accession	Q9Y219
Reactivity	Human
Predicted	Rat, Pig, Mouse, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	133367
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human Jagged 2
Epitope Specificity	201-300/1238
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Contains 1 DSL domain.Contains 16 EGF-like domains.Contains 1 VWFC domain.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	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.

Additional Information

Gene ID	3714
Other Names	HJ2; LGMDR27; SER2; D12Ggc2e; Serh; mJagged2-1; sm; JAG2_HUMAN; JAG2; Jagged2; JAG2_MOUSE; JAG2_RAT; jagged canonical Notch ligand 2; jagged 2
Dilution	WB=1:500-2000,IHC-P=1:100-500,IHC-F=1:100-500,IF=1:100-500,ELISA=1:5000-10000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. 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.

Protein Information

Name	JAG2
Function	Putative Notch ligand involved in the mediation of Notch signaling. Involved in limb development (By similarity).
Cellular Location	Membrane; Single-pass type I membrane protein.
Tissue Location	Expressed in heart, placenta and skeletal muscle and to a lesser extent in pancreas. Very low expression in brain, lung, liver and kidney

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.