

bs-4244R**[Primary Antibody]**

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Jagged 2 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 3714	SWISS: Q9Y219	IHC-F (1:100-500)
Target: Jagged 2		IF (1:100-500)
		ELISA (1:5000-10000)
Immunogen: KLH conjugated synthetic peptide derived from human Jagged 2: 201-300/1238. < Extracellular >		Reactivity: Human (predicted: Mouse, Rat, Pig, Cow, Dog)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 134 kDa
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		Subcellular Location: Cell membrane
Background: 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 extent 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.		

— SELECTED CITATIONS —

- **[IF=6.291]** Changjiang Liu. et al. JNK and Jag1/Notch2 co-regulate CXCL16 to facilitate cypermethrin-induced kidney damage. ECOTOX ENVIRON SAFE. 2022 Jun;238:113582 WB ;Rat. 35512476
- **[IF=5.279]** Jiuyan Zhang. et al. Lycopene Alleviates Chronic Stress-Induced Spleen Apoptosis and Immunosuppression via Inhibiting the Notch Signaling Pathway in Rats. J Agr Food Chem. 2022;XXXX(XXX):XXX-XXX WB ;Rat. 35212537
- **[IF=2.094]** Yating Li. et al. Effects of Notch2 on proliferation, apoptosis and steroidogenesis in bovine luteinized granulosa cells. Theriogenology. 2021 Sep;171:55 IF,IHC ;Cow. 34023619