

bs-21664R**[Primary Antibody]****Notch 2 Rabbit pAb****Bioss**
ANTIBODIES

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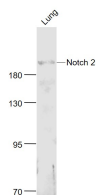
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Dog)
GeneID: 4853	SWISS: Q04721	
Target: Notch 2		Predicted MW.: 262 kDa
Immunogen: KLH conjugated synthetic peptide derived from human Notch 2: 2070-2170/2471. < Cytoplasmic >		Subcellular Location: Cell membrane ,Nucleus
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
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.		
Background: Functions as a receptor for membrane-bound ligands Jagged1, Jagged2 and Delta1 to regulate cell-fate determination. Upon ligand activation through the released notch intracellular domain (NICD) it forms a transcriptional activator complex with RBPJ/RBPSUH and activates genes of the enhancer of split locus. Affects the implementation of differentiation, proliferation and apoptotic programs.		

— VALIDATION IMAGES —

Sample: Lung (Mouse) Lysate at 40 ug Primary:

Anti- Notch 2 (bs-21664R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at

1/20000 dilution Predicted band size: 262 kD

Observed band size: 262 kD

— SELECTED CITATIONS —

- **[IF=5.3]** Xi Chen. et al. SNORA73B promotes endometrial cancer progression through targeting MIB1 and regulating host gene RCC1 alternative splicing. JOURNAL OF CELLULAR AND MOLECULAR MEDICINE. 2023 Jul;; WB ;Human. 37488742
- **[IF=4.7]** Yongli Zhang. et al. LianChuang ZhiXue Liquid Enema Modulates the Macrophage Polarization of Ulcerative Colitis via Inhibiting the Jagged-1/Notch1 Signaling Pathway. DRUG DES DEV THER. 2025 四月 26 WB ;Mouse. 40308738
- **[IF=2.9]** Cunping Yin. et al. Notch 2 from bone marrow mesenchymal stem cells alleviates smoke inhalation-induced lung injury by mediating alveolar cell differentiation..JOURNAL OF MOLECULAR HISTOLOGY.2025 Mar 22;56(2):113. Western blot ;Rat. 40119225