

bs-5909R**[Primary Antibody]****BioSS**
ANTIBODIES

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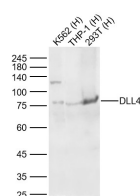
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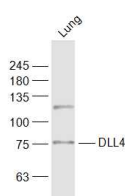
400-901-9800

DLL4 Rabbit pAb**DATASHEET**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Rat (predicted: Mouse, Pig, Cow, Dog, Horse)
GeneID: 54567	SWISS: Q9NR61	Predicted MW.: 75 kDa
Target: DLL4		Subcellular Location: Cell membrane
Immunogen: KLH conjugated synthetic peptide derived from human DLL4: 551-650/685.		
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: The LIN-12/Notch family of transmembrane receptors is believed to play a central role in development by regulating cell fate decisions. Notch proteins have been found to be overexpressed or rearranged in human tumors. Ligands for Notch include Jagged, Jagged-2 and Delta. While blocking the differentiation of progenitor cells into the B-cell lineage, Delta promotes the emergence of a population of cells with T cell/NK-cell characteristics. The protein is a membrane protein expressed in heart, pancreas, brain and muscle during gastrulation and early organogenesis and in adult heart and lung. Delta-4 is a membrane protein that activates Notch-1 and Notch-4. It is expressed in a wide range of adult and fetal tissues, especially in vascular endothelium.		

VALIDATION IMAGES

Sample: Lane 1: Human K562 cell Lysates Lane 2: Human THP-1 cell Lysates Lane 3: Human 293T cell Lysates Primary: Anti-DLL4 (bs-5909R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 75kDa Observed band size: 75kDa



Sample: Lung (Rat) Lysate at 40 ug Primary: Anti-DLL4 (bs-5909R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 75 kD Observed band size: 75 kD

SELECTED CITATIONS

- **[IF=10.6]** Wu Jie. et al. Modulating cell stiffness for improved vascularization: leveraging the MIL-53(fe) for improved interaction of titanium implant and endothelial cell. J NANOBIOTECHNOL. 2024 Dec;22(1):1-24 IF, WB ;Human. 39014416
- **[IF=3.8]** Yiqin Hong. et al. Qishen Granule protects against myocardial ischemia by promoting angiogenesis through BMP2-Dll4-Notch1 pathway. CHIN HERB MED. 2024 Apr; WB ;Mouse, Human. 10.1016/j.chmed.2023.12.007