

bs-7421R**[Primary Antibody]**

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Sprouty 4 Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000)
Clonality: Polyclonal		
GeneID: 81848	SWISS: Q9C004	
Target: Sprouty 4		
Immunogen: KLH conjugated synthetic peptide derived from human Sprouty 4: 1-100/299.		
Purification: affinity purified by Protein A		Reactivity: (predicted: Human, Mouse, Rat, Cow, Dog, Horse)
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.		Predicted MW.: 33 kDa
Background: SPRY4 is an inhibitor of the receptor-transduced mitogen-activated protein kinase (MAPK) signaling pathway. It is positioned upstream of RAS (see HRAS; MIM 190020) activation and impairs the formation of active GTP-RAS (Leeksma et al., 2002 [PubMed 12027893]).[supplied by OMIM, Mar 2008]		Subcellular Location: Cytoplasm

— SELECTED CITATIONS —

- **[IF=31.745]** Shan-shan Liu. et al. The chemokine CCL1 triggers an AMFR-SPRY1 pathway that promotes differentiation of lung fibroblasts into myofibroblasts and drives pulmonary fibrosis. Immunity. 2021 Aug; WB ;Mouse. 34407391