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## Sprouty 4 Rabbit pAb

Catalog Number: bs-7421R

Target Protein: Sprouty 4

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

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)

Reactivity: (predicted:Human, Mouse, Rat, Cow, Dog, Horse)

Predicted MW: 33 kDa

Entrez Gene: 81848

Swiss Prot: Q9C004

Source: KLH conjugated synthetic peptide derived from human Sprouty 4: 1-100/299.

Purification: affinity purified by Protein A

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: 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]

### PRODUCT SPECIFIC PUBLICATIONS

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[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