
Frizzled 8 Rabbit pAb

Catalog Number: bs-13219R

Target Protein: Frizzled 8

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

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

Predicted MW: 70 kDa

Entrez Gene: 8325

Swiss Prot: Q9H461

Source: KLH conjugated synthetic peptide derived from human Frizzled 8: 61-160/694.

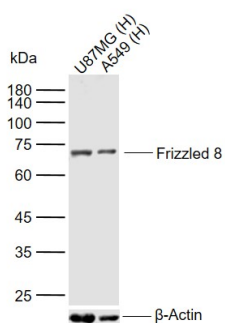
Purification: affinity purified by Protein A

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: The frizzled gene, originally identified in *Drosophila melanogaster*, is involved in the development of tissue polarity. The mammalian homolog of frizzled, as well as several secreted mammalian frizzled-related proteins (FRPs), have been described. The frizzled proteins contain seven transmembrane domains, a cysteine-rich domain in the extracellular region and a carboxy-terminal Ser/Thr-xxx-Val motif. They function as receptors for Wnt and are generally coupled to G proteins. The cysteine-rich domain of frizzled-8 blocks endogenous Wnts and the effects of Wnt-1 and Wnt-5 on proliferation. The mouse frizzled-8 gene, which encodes a Wnt receptor, is a potent cancer-associated activator of the Beta-catenin-TCF pathway. The frizzled-8 gene contains no introns. Frizzled-8 mRNA has been detected in fetal brain and kidney, and also in adult pancreas, skeletal muscle, kidney and heart. Frizzled is highly expressed in HeLa S3 (cervical uterus cancer) cells and A549 lung cancer cells.

VALIDATION IMAGES



Sample: Lane 1: Human U87MG cell lysates Lane 2: Human A549 cell lysates Primary: Anti-Frizzled 8 (bs-13219R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 70 kDa Observed band size: 70 kDa

PRODUCT SPECIFIC PUBLICATIONS

[IF=6.832] Wu, Haibin. et al. Dextran sulfate prevents excess aggregation of human pluripotent stem cells in 3D culture by inhibiting ICAM1 expression coupled with down-regulating E-cadherin through activating the Wnt signaling pathway. STEM CELL RES THER. 2022 Dec;13(1):1-20 WB ; Human . 35619172