bs-2930R

[Primary Antibody]

Frizzled 5 Rabbit pAb

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DATASHEET -

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

GeneID: 7855 **SWISS:** Q13467

Target: Frizzled 5

Immunogen: KLH conjugated synthetic peptide derived from human Frizzled 5:

51-150/585. < Extracellular >

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: Members of the 'frizzled' gene family encode 7-transmembrane

domain proteins that are receptors for Wnt signaling proteins. The Frizzled 5 protein is believed to be the receptor for the Wnt5A ligand. Frizzled 5 has been reported to be expressed in fetal kidney, fetal and adult liver, fetal lung, and adult pancreas. ESTs have been isolated from bone, liver/spleen, placenta, and prostate libraries.

Frizzled 5 was cloned from a retina cDNA library.

Applications: WB (1:500-2000)

IHC-P (1:100-500) IHC-F (1:100-500) **IF** (1:100-500) Flow-Cyt (2ug/Test)

Reactivity: Human, Mouse, Rat

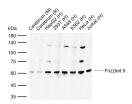
(predicted: Rabbit, Pig,

Cow, Dog)

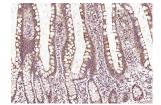
Predicted 62 kDa

Subcellular Location: Cell membrane ,Cytoplasm

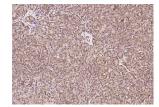
VALIDATION IMAGES



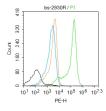
Sample: Lane 1: Mouse Cerebrum tissue lysates Lane 2: Rat Cerebrum tissue lysates Lane 3: Human HepG2 cell lysates Lane 4: Human 293T cell lysates Lane 5: Human A549 cell lysates Lane 6: Human K562 cell lysates Lane 7: Human HeLa cell lysates Lane 8: Human Jurkat cell lysates Primary: Anti-Frizzled 5 (bs-2930R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 62 kDa Observed band size: 62 kDa



Paraformaldehyde-fixed, paraffin embedded (human intestine); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Frizzled 5) Polyclonal Antibody, Unconjugated (bs-2930R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (human pancreas); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Incubation with (Frizzled 5) Polyclonal Antibody, Unconjugated (bs-2930R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Blank control:K562. Primary Antibody (green line): Rabbit Anti-Frizzled 5 antibody (bs-2930R) Dilution: 2µg /10^6 cells; Isotype Control Antibody (orange line): Rabbit IgG . Secondary Antibody : Goat anti-rabbit IgG-PE Dilution: 1µg /test. Protocol The cells were fixed with 4% PFA (10min at room temperature) and then permeabilized with 0.1%PBST for 20 min at

room temperature. The cells were then incubated in 5%BSA to block non-specific protein-protein interactions for 30 min at room temperature. Cells stained with Primary Antibody for 30 min at room temperature. The secondary antibody used for 40 min at room temperature. Acquisition of 20,000 events was performed.

- SELECTED CITATIONS -

• [IF=4.8] Jinghua Shen. et al. Melatonin as an Alleviator in Decabromodiphenyl Ether-Induced Aberrant Hippocampal Neurogenesis and Synaptogenesis: The Role of Wnt7a. BIOMOLECULES. 2025 Aug;15(8):1087 WB;Rat. 40867532