bs-13216R **[Primary Antibody]**

Frizzled 10/CD350 Rabbit pAb

www.bioss.com.cn
sales@bioss.com.cn
techsupport@bioss.com.cn
400-901-9800

DATASHEET

Host: Rabbit **Isotype:** IgG

Clonality: Polyclonal

GeneID: 11211 **SWISS:** Q9ULW2

Target: Frizzled 10/CD350

Immunogen: KLH conjugated synthetic peptide derived from human Frizzled 10/CD350: 101-200/581. < 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: 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. Upregulation of frizzled-10 mRNA in human cells may lead to carcinogenesis through Wnt- Beta-catenin-TCF signaling pathway activation. Frizzled-10 has been found to be upregulated in HeLa S3, NT2, TMK1 and MKN74 cancer cell lines as well as in colorectal and breast cancer.

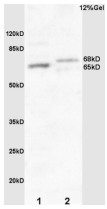
Applications: **WB** (1:500-2000)
IHC-P (1:100-500)
IHC-F (1:100-500)
IF (1:100-500)

Reactivity: Human, Mouse, Rat (predicted: Pig, Sheep, Cow, Chicken, Dog)

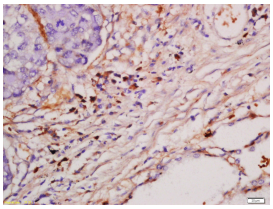
Predicted MW.: 68 kDa

Subcellular Location: Cell membrane

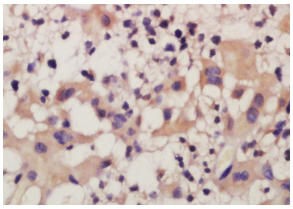
VALIDATION IMAGES



Protein: embryo(mouse) lysates at 30ug; colon carcinoma(human) lysates at 30ug; Primary: Anti-Frizzled 10/CD350 (bs-13216R) at 1:200; Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1: 3000; ECL excitated the fluorescence; Predicted band size : 68kD Observed band size : 68kD



Tissue/cell: human lung carcinoma; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Frizzled 10/CD350 Polyclonal Antibody, Unconjugated(bs-13216R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: mouse placenta tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum,C-0005) at 37°C for 20 min; Incubation: Anti-Frizzled 10/CD350 Polyclonal Antibody, Unconjugated(bs-13216R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

SELECTED CITATIONS

- **[IF=5.1]** Zhan Yu. et al. MiR-26b-3p Promotes Intestinal Motility Disorder by Targeting FZD10 to Inhibit GSK3β/β-Catenin Signaling and Induce Enteric Glial Cell Apoptosis. MOL NEUROBIOL. 2023 Sep;:1-19 IF ;Mouse. 37728849