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## FZD3 Rabbit pAb

Catalog Number: bs-13239R

Target Protein: FZD3

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-1000), IHC-P (1:100-500), IHC-F (1:100-500), IF (1:100-500), ELISA (1:5000-10000)

Reactivity: Human, Mouse, Rat

Predicted MW: 74 kDa

Subcellular: Cell membrane

Locations:

Entrez Gene: 7976

Swiss Prot: Q9NPG1

Source: Recombinant human FZD3 protein: 23-205/666.

Purification: affinity purified by Protein A

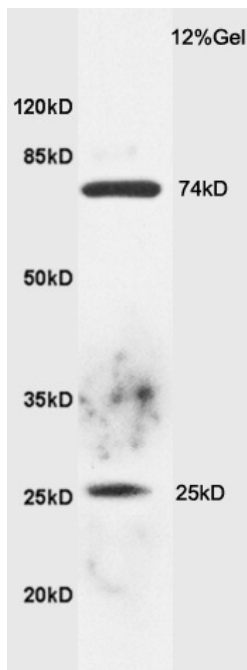
Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

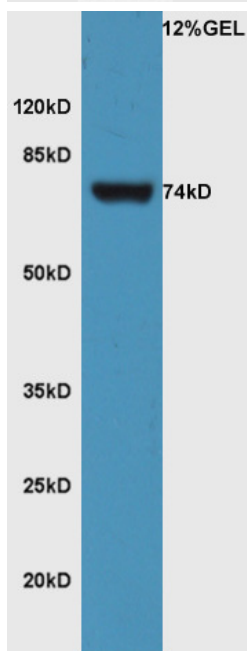
**Background:** This gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. The function of this protein is unknown, although it may play a role in mammalian hair follicle development. Alternative splicing results in multiple transcript variants. This gene is a susceptibility locus for schizophrenia. [provided by RefSeq, Dec 2010]

### VALIDATION IMAGES

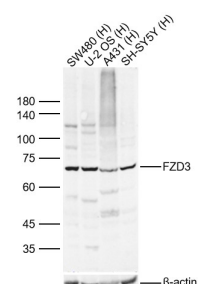
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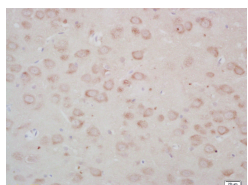
Protein: brain(Rat) lysates at 30ug; Primary: Anti-FZD3 (bs-13239R) at 1:300; Secondary: HRP conjugated Goat Anti-Rabbit IgG(bs-0295G-HRP) at 1: 3000; ECL excited the fluorescence; Predicted band size : 74kD  
Observed band size : 74kD, 25kD



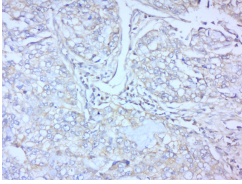
Protein: pancreas(mouse) lysates at 30ug; Primary: Anti-FZD3 (bs-13239R) at 1:300; Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1: 5000; ECL excited the fluorescence; Predicted band size : 74kD Observed band size : 74kD



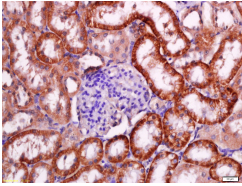
Sample: Lane 1: Human SW480 cell Lysates Lane 2: Human U-2 OS cell Lysates Lane 3: Human A431 cell Lysates Lane 4: Human SH-SY5Y cell Lysates Primary: Anti-FZD3 (bs-13239R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 74kDa Observed band size: 70kDa



Tissue/cell: rat brain 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-FAD3 Polyclonal Antibody, Unconjugated(bs-13239R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



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-FZD3 Polyclonal Antibody, Unconjugated(bs-13239R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining



Tissue/cell: rat kidney 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-FZD3 Polyclonal Antibody, Unconjugated(bs-13239R) 1:500, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

## PRODUCT SPECIFIC PUBLICATIONS

**[IF=4.9]** Juanru Cheng. et al. CircTEC Inhibits the Follicular Atresia in Buffalo (Bubalus bubalis) via Targeting miR-144-5p/FZD3 Signaling Axis. INT J MOL SCI. 2025 Jan;26(1):153 WB ; Bovine . 39796015

**[IF=2.64]** Su, Lin, et al. "Deregulation of the planar cell polarity genes CELSR3 and FZD3 in Hirschsprung disease." Experimental and Molecular Pathology(2016). IHC ; ="Human" . 27619161