

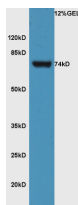
**bs-13239R****[ Primary Antibody ]****FZD3 Rabbit pAb****Bioss**  
**ANTIBODIES**

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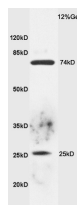
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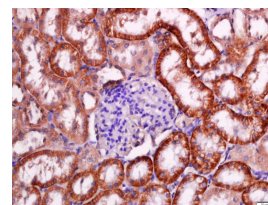
400-901-9800

**DATASHEET****Host:** Rabbit**Isotype:** IgG**Clonality:** Polyclonal**GeneID:** 7976**SWISS:** Q9NPG1**Target:** FZD3**Immunogen:** Recombinant human FZD3 protein: 23-205/666. < 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:** 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]**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 Location:** Cell membrane**VALIDATION IMAGES**

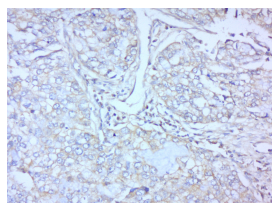
Protein: pancreas(mouse) lysates at 30ug;  
Primary: Anti-FZD3 (bs-13239R) at 1:300;  
Secondary: HRP conjugated Goat-Anti-Rabbit IgG(bs-0295G-HRP) at 1: 5000; ECL excited the fluorescence; Predicted band size : 74kD  
Observed band size : 74kD



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



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



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

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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

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## — SELECTED CITATIONS —

- **[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