

Frizzled-6 (T167) polyclonal antibody

Catalog: BS5722

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Frizzled-6 (FZD6, also known as frizzled homolog 6 in *Drosophila*) is a seven-transmembrane domain receptor that binds the Wnt ligand and influences macroscopic hair patterning and other tissue polarity events. Frizzled-6 protein contains a signal peptide and a cysteine-rich domain (CRD) in the N-terminal extracellular region, and does not contain a C-terminal PDZ domain-binding motif. Frizzled-3 and frizzled-6 influence neural tube closure and the planar orientation of hair bundles on a subset of auditory and vestibular sensory cells. Madin-Darby canine kidney (MDCK) cells are competent to form tubules in vitro and express the frizzled-6 receptor, which is known to form a complex with Wnt-4 through the CRD in this cell type. Frizzled-6 is expressed as a 4.4 kb mRNA in various human tissues, including adult heart, brain, placenta, lung, liver, skeletal muscle, kidney, pancreas, thymus, prostate, testis, ovary, small intestine and colon.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 79 kDa

Swiss-Prot:

O60353

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

ICC: 1:50~1:200

IP: 1:50~1:200

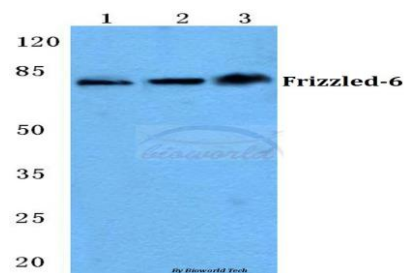
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

Frizzled-6 (T167) polyclonal antibody detects endogenous levels of Frizzled-6 protein.

DATA:



Western blot (WB) analysis of Frizzled-6 (T167) polyclonal antibody at 1:500 dilution

Lane1:THP-1 cell lysate

Lane2:Mouse liver tissue lysate

Lane3:H9C2 cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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