Frizzled-10 (FZD10) polyclonal antibody

Catalog: BS2601 Host: Rabbit Reactivity: Human,Rat,Mouse

BackGround:

Receptor for Wnt proteins. Functions in the canonical Wnt/beta-catenin signaling pathway (By similarity).

The canonical Wnt/beta-catenin signaling pathway leads to the activation of disheveled proteins, inhibition of GSK-3 kinase, nuclear accumulation of beta-catenin and activation of Wnt target genes. A second signaling pathway involving PKC and calcium fluxes has been seen for some family members, but it is not yet clear if it represents a distinct pathway or if it can be integrated in the canonical pathway, as PKC seems to be required for Wnt-mediated inactivation of GSK-3 kinase. Both pathways seem to involve interactions with G-proteins. May be involved in transduction and intercellular transmission of polarity information during tissue morphogenesis and/or in differentiated tissues (Probable).

Product:

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

Molecular Weight:

~ 70 kDa

Swiss-Prot:

Q9ULW2

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

Storage&Stability:

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

Specificity:

Frizzled-10 (FZD10) polyclonal antibody detects endogenous levels of Frizzled-10 protein.

DATA:

Western blot (WB) analysis of Frizzled-10 (FZD10) polyclonal antibody at 1:500 dilution

Lane1:EC9706 whole cell lysate(15ug)

Lane2:Hela whole cell lysate(30ug)

Lane3:Myla2059 whole cell lysate(15ug)

Lane4:The Brain tissue lysate of Mouse(30ug)

Lane5:The Brain tissue lysate of Rat(30ug)

Lane6:BV2 whole cell lysate(30ug)

Lane7:PMVEC whole cell lysate(30ug)

Note:

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

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