

Frizzled-7 (Y87) polyclonal antibody

Catalog: BS2774

Host: Rabbit

Reactivity: Human, Mouse, Rat

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: FRP-1 (also designated SARP2), FRP-2 (also designated SARP1), FRP-3, FRP-4 and SARP3 (also designated FRP-5), have been identified. 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. frizzled-7 has a Lys-Thr-X-X-X-Trp motif which is involved in the activation of the Wnt/beta-catenin signaling pathway. frizzled-7 is an integral membrane protein showing a high expression in adult skeletal muscle, fetal kidney, fetal lung, adult heart, brain and placenta. It is specifically expressed in squamous cell esophageal carcinomas.

Product:

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

Molecular Weight:

~ 70 kDa

Swiss-Prot:

O75084

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: 1:500~1:2000

IP: 1:50~1:200

Storage&Stability:

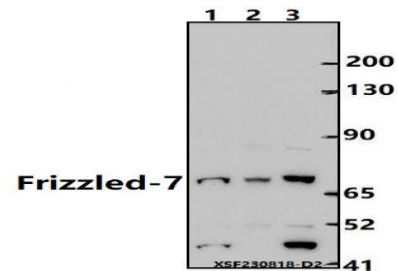
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

Frizzled-7 (Y87) polyclonal antibody detects endogenous levels of Frizzled-7 protein.

DATA:

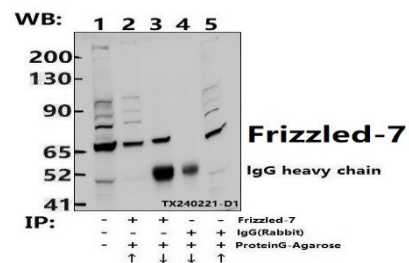


Western blot (WB) analysis of Frizzled-7 (Y87) pAb at 1:500 dilution

Lane1:Hela whole cell lysate(30ug)

Lane2:BV2 whole cell lysate(30ug)

Lane3:PC12 whole cell lysate(30ug)



Immunoprecipitation of Hela cell lysates using Frizzled-7 pAb (Sepharose Bead Conjugate)#BD0048 (lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate)#BD0048 (lane 4 and lane 5). Lane 1 is 30% input. The western blot was probed using Frizzled-7 pAb.

Note:

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

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