Bioworld Technology CO., Ltd.

Frizzled-1 (Q54) Peptide

Cat No.: BS2714P

Background

Receptor for Wnt proteins. Most of frizzled receptors are coupled to the beta catenin canonical signaling pathway, which leads to the activation of disheveled proteins, inhibition of GSK3 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 GSK3 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. Activated by Wnt3A, Wnt3, Wnt1 and to a lesser extent Wnt2, but not by Wnt4, Wnt5A, Wnt5B, Wnt6, Wnt7A or Wnt7B.

Swiss-Prot

Q9UP38

Applications

Blocking

Specificity

This peptide can be used with studies using BS2714 Frizzled-1 (Q54) pAb .

Purification & Purity

Synthetic peptide Frizzled-1 (Q54) . (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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