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Datasheet

FZD1 polyclonal antibody

Catalog Number: PAB2603

Regulatory Status: For research use only (RUO)

Product Description: Rabbit polyclonal antibody raised against synthetic peptide of FZD1.

Immunogen: A synthetic peptide (conjugated with KLH) corresponding to internal region of human FZD1.

Host: Rabbit

Reactivity: Human

Applications: Flow Cyt, IF, IHC-P, WB-Ce
(See our web site product page for detailed applications information)

Protocols: See our web site at http://www.abnova.com/support/protocols.asp or product page for detailed protocols

Form: Liquid

Purification: Ammonium sulfate precipitation

Recommend Usage: Western Blot (1:1000)
Immunohistochemistry (1:10-50)
Immunofluorescence (1:10-50)
Flow cytometry (1:10-50)
The optimal working dilution should be determined by the end user.

Storage Buffer: In PBS (0.09% sodium azide)

Storage Instruction: Store at 4°C. For long term storage store at -20°C.
Aliquot to avoid repeated freezing and thawing.

Entrez GeneID: 8321

Gene Symbol: FZD1

Gene Alias: DKFZp564G072

Gene Summary: Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD1 protein contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, 7 transmembrane domains, and a C-terminal PDZ domain-binding motif. The FZD1 transcript is expressed in various tissues. [provided by RefSeq]

References:

1. A cryptic frizzled module in cell surface collagen 18 inhibits Wnt/beta-catenin signaling. Quelard D, Lavergne E, Hendaoui I, Elamaa H, Tiirola U, Heljasvaara R, Pihlajaniemi T, Clement B, Musso O. PLoS One. 2008 Apr 2;3(4):e1878.
2. Genomic profile of matrix and vasculature remodeling in TGF-alpha induced pulmonary fibrosis. Hardie WD, Korfhagen TR, Sartor MA, Prestridge A, Medvedovic M, Le Cras TD, Ikegami M, Wesselkamper SC, Davidson C, Dietsch M, Nichols W, Whitsett JA, Leikauf GD. Am J Respir Cell Mol Biol. 2007 Sep;37(3):309-21. Epub 2007 May 11.
3. Bone morphogenetic protein-2 modulates Wnt and frizzled expression and enhances the canonical pathway of Wnt signaling in normal keratinocytes. Yang L, Yamasaki K, Shirakata Y, Dai X, Tokumaru S, Yahata Y, Tohyama M, Hanakawa Y, Sayama K, Hashimoto K. J Dermatol Sci. 2006 May;42(2):111-9. Epub 2006 Jan 24.