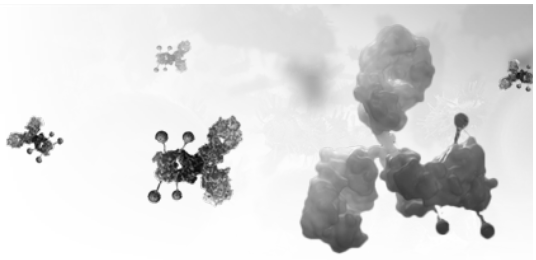

Anti-FZD9 polyclonal antibody (DPABH-27708)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Antigen Description	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 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.
Immunogen	Synthetic peptide corresponding to Mouse Frizzled 9 aa 550 to the C-terminus (C terminal) conjugated to Keyhole Limpet Haemocyanin (KLH).Database link: Q9R216
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Mouse
Purification	Immunogen affinity purified
Conjugate	Unconjugated
Applications	WB
Format	Liquid
Size	100 µg
Buffer	pH: 7.40; Constituent: PBS
Preservative	0.02% Sodium Azide

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Storage	Store at 4°C short term (1-2 weeks). Aliquot and store at -20°C or -80°C. Avoid repeated freeze / thaw cycles.

GENE INFORMATION

Gene Name	FZD9 frizzled homolog 10 (Drosophila) [Mus musculus]
Official Symbol	FZD9
Synonyms	FZD9; frizzled homolog 9 (Drosophila); mfz9; frizzled-9; fz-9; mFz3;
Entrez Gene ID	14371
Protein Refseq	NP_034376.1
UniProt ID	Q9R216
Pathway	Basal cell carcinoma; ESC Pluripotency Pathways; HTLV-I infection; Hippo signaling pathway.
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-activated receptor activity

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