



# Mouse anti-Human FZD6 polyclonal antibody (DPAB-DC3405)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This gene represents a member of the frizzled gene family, which encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The protein encoded by this family member contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, and seven transmembrane domains, but unlike other family members, this protein does not contain a C-terminal PDZ domain-binding motif. This protein functions as a negative regulator of the canonical Wnt/beta-catenin signaling cascade, thereby inhibiting the processes that trigger oncogenic transformation, cell proliferation, and inhibition of apoptosis. Alternative splicing results in multiple transcript variants, some of which do not encode a protein with a predicted signal peptide.[provided by RefSeq, Aug 2011]
<b>Immunogen</b>	FZD6 (NP_003497, 71 a.a. ~ 181 a.a) partial recombinant protein with GST tag. The sequence is PNIETFLCKAFVPTCIEQIHVVPPCRKLCEKVYSDCKKLIDTFGIRWPPEELECRLQYCD ETVPVTFDPHTEFLGPQKKTEQVQRDIGFWCPRHLKTSGGQGYKFLGIDQC
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">FZD6 frizzled class receptor 6 [ Homo sapiens (human) ]</a>
Official Symbol	FZD6
Synonyms	FZD6; frizzled class receptor 6; FZ6; FZ-6; HFZ6; NDNC10; frizzled-6; frizzled homolog 6; frizzled family receptor 6; seven transmembrane helix receptor; frizzled 6, seven transmembrane spanning receptor;
Entrez Gene ID	<a href="#">8323</a>
Protein Refseq	<a href="#">NP_001158087</a>
UniProt ID	<a href="#">A0A024R9E9</a>
Chromosome Location	8q22.3-q23.1
Pathway	Basal cell carcinoma; Ca2+ pathway; GPCR ligand binding; HTLV-I infection
Function	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding