



# Anti-FZD8 (aa 72-161) polyclonal antibody (DPAB-DC3407)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	This intronless gene is a member of the frizzled gene family. Members of this family encode seven-transmembrane domain proteins that are receptors for the Wingless type MMTV integration site family of signaling proteins. Most frizzled receptors are coupled to the beta-catenin canonical signaling pathway. This gene is highly expressed in two human cancer cell lines, indicating that it may play a role in several types of cancer. The crystal structure of the extracellular cysteine-rich domain of a similar mouse protein has been determined.
<b>Immunogen</b>	FZD8 (NP_114072, 72 a.a. ~ 161 a.a) partial recombinant protein with GST tag. The sequence is FWPLVEIQCSDDLKFFLCSTMYTPICLEDYKKPLPPCRSVCKERAKAGCAPLMRQYGFAPD RMRCDDLPEQGNPDLTCLMDYNRTDLTTAAP
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Recombinant protein), 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

<b>Gene Name</b>	<a href="#">FZD8 frizzled class receptor 8 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FZD8
<b>Synonyms</b>	FZD8; frizzled class receptor 8; FZ-8; hFZ8; frizzled-8; frizzled homolog 8; frizzled family receptor 8; frizzled 8, seven transmembrane spanning receptor;
<b>Entrez Gene ID</b>	<a href="#">8325</a>
<b>Protein Refseq</b>	<a href="#">NP_114072</a>
<b>UniProt ID</b>	<a href="#">Q9H461</a>
<b>Chromosome Location</b>	10p11.21
<b>Pathway</b>	Asymmetric localization of PCP proteins; Basal cell carcinoma; GPCR ligand binding; HTLV-I infection
<b>Function</b>	G-protein coupled receptor activity; PDZ domain binding; Wnt-activated receptor activity; Wnt-protein binding