



# Anti-FZD7 polyclonal antibody (DPAB-DC3406)

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

## PRODUCT INFORMATION

<b>Antigen Description</b>	Members of the frizzled gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD7 protein contains an N-terminal signal sequence, 10 cysteine residues typical of the cysteine-rich extracellular domain of Fz family members, 7 putative transmembrane domains, and an intracellular C-terminal tail with a PDZ domain-binding motif. FZD7 gene expression may downregulate APC function and enhance beta-catenin-mediated signals in poorly differentiated human esophageal carcinomas.
<b>Immunogen</b>	A synthetic peptide corresponding to human FZD7. The sequence is C-RFYHRLSHSSKGET
<b>Source/Host</b>	Goat
<b>Species Reactivity</b>	Human
<b>Purification</b>	Antigen affinity purification
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Cell lysate), ELISA,
<b>Format</b>	Liquid
<b>Concentration</b>	0.5 mg/mL
<b>Size</b>	100 µg
<b>Buffer</b>	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
<b>Preservative</b>	0.02% Sodium Azide
<b>Storage</b>	Store at -20°C. Aliquot to avoid repeated freezing and thawing.

## GENE INFORMATION

<b>Gene Name</b>	<a href="#">FZD7 frizzled class receptor 7 [ Homo sapiens (human) ]</a>
<b>Official Symbol</b>	FZD7
<b>Synonyms</b>	FZD7; frizzled class receptor 7; FzE3; frizzled-7; fz-7; hFz7; frizzled homolog 7; frizzled family receptor 7; Frizzled, drosophila, homolog of, 7; frizzled 7, seven transmembrane spanning receptor;
<b>Entrez Gene ID</b>	<a href="#">8324</a>
<b>Protein Refseq</b>	<a href="#">NP_003498</a>
<b>UniProt ID</b>	<a href="#">O75084</a>
<b>Chromosome Location</b>	2q33
<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