

**Frizzled-9 rabbit pAb****Cat#: orb765249 (Manual)**

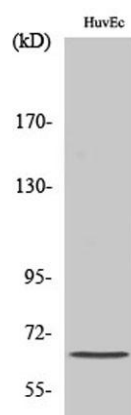
For research use only. Not intended for diagnostic use.

<b>Product Name</b>	Frizzled-9 rabbit pAb
<b>Host species</b>	Rabbit
<b>Applications</b>	WB;IF;ELISA
<b>Species Cross-Reactivity</b>	Human;Mouse;Monkey
<b>Recommended dilutions</b>	Western Blot: 1/500 - 1/2000. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/20000. Not yet tested in other applications.
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human FZD9. AA range:542-591
<b>Specificity</b>	Frizzled-9 Polyclonal Antibody detects endogenous levels of Frizzled-9 protein.
<b>Formulation</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide..
<b>Storage</b>	Store at -20°C. Avoid repeated freeze-thaw cycles.
<b>Protein Name</b>	Frizzled-9
<b>Gene Name</b>	FZD9
<b>Cellular localization</b>	Cell membrane ; Multi-pass membrane protein . Relocalizes DVL1 to the cell membrane leading to phosphorylation of DVL1 and AXIN1 relocalization to the cell membrane. .
<b>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.

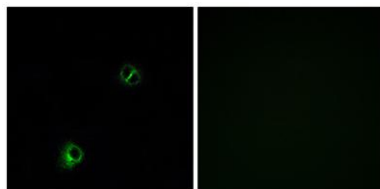
<b>Clonality</b>	Polyclonal
<b>Concentration</b>	1 mg/ml
<b>Observed band</b>	64kD
<b>Human Gene ID</b>	8326
<b>Human Swiss-Prot Number</b>	O00144
<b>Alternative Names</b>	FZD9; FZD3; Frizzled-9; Fz-9; hFz9; FzE6; CD antigen CD349

### Background

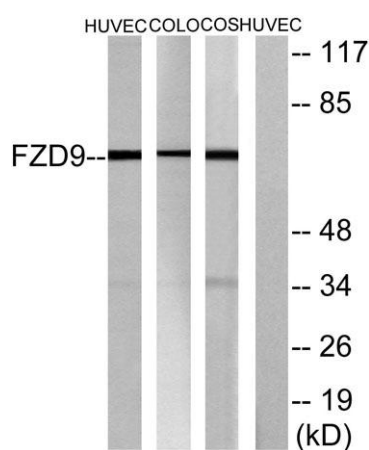
frizzled class receptor 9(FZD9) Homo sapiens Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD9 gene is located within the Williams syndrome common deletion region of chromosome 7, and heterozygous deletion of the FZD9 gene may contribute to the Williams syndrome phenotype. FZD9 is expressed predominantly in brain, testis, eye, skeletal muscle, and kidney. [provided by RefSeq, Jul 2008],



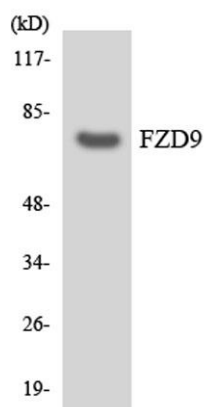
**Western Blot analysis of various cells using Frizzled-9 Polyclonal Antibody**



Immunofluorescence analysis of A549 cells, using FZD9 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HUVEC, COLO, and COS cells, using FZD9 Antibody. The lane on the right is blocked with the synthesized peptide.



Western blot analysis of the lysates from Jurkat cells using FZD9 antibody.