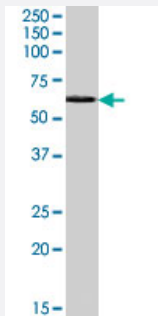


FZD7 polyclonal antibody

Catalog # PAB7449

Size 100 ug

Applications



Western Blot (Cell lysate)

FZD7 polyclonal antibody (Cat # PAB7449) (0.3 ug/mL) staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

Specification

Product Description Goat polyclonal antibody raised against synthetic peptide of FZD7.

Immunogen A synthetic peptide corresponding to human FZD7.

Sequence C-RFYHRLSHSSKGET

Host Goat

Theoretical MW (kDa) 63.6

Reactivity Human

Form Liquid

Purification Antigen affinity purification

Concentration 0.5 mg/mL

Quality Control Testing Antibody Reactive Against Synthetic Peptide.

Recommend Usage
 ELISA (1:64000)
 Western Blot (0.3-1 ug/mL)
 The optimal working dilution should be determined by the end user.

Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	Store at -20°C. Aliquot to avoid repeated freezing and thawing.
Note	This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

Applications

- Western Blot (Cell lysate)

FZD7 polyclonal antibody (Cat # PAB7449) (0.3 ug/mL) staining of HepG2 cell lysate (35 ug protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

- Enzyme-linked Immunoabsorbent Assay

Gene Info — FZD7

Entrez GeneID	8324
Protein Accession#	NP_003498.1
Gene Name	FZD7
Gene Alias	FzE3
Gene Description	frizzled homolog 7 (Drosophila)
Omim ID	603410
Gene Ontology	Hyperlink
Gene Summary	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. [provided by RefSeq]
Other Designations	Frizzled, drosophila, homolog of, 7 frizzled 7

Publication Reference

- [Frizzled-7 dictates three-dimensional organization of colorectal cancer cell carcinoids.](#)

Vincan E, Darcy PK, Farrelly CA, Faux MC, Brabletz T, Ramsay RG.

Oncogene 2007 Apr; 26(16):2340.

Application: IHC-P, Human, Human colorectal carcinomas

Pathway

- [Basal cell carcinoma](#)
- [Colorectal cancer](#)
- [Melanogenesis](#)
- [Pathways in cancer](#)
- [Wnt signaling pathway](#)

Disease

- [Cleft Lip](#)
- [Cleft Palate](#)
- [Genetic Predisposition to Disease](#)
- [Kidney Failure](#)
- [Lung Neoplasms](#)
- [Pulmonary Disease](#)
- [Tooth Abnormalities](#)
- [Urinary Bladder Neoplasms](#)
- [Werner syndrome](#)