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Product datasheet for TA344065

Frizzled 7 (FZD7) Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	IHC, WB
Recommended Dilution:	WB, IHC
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for anti-FZD7 antibody: synthetic peptide directed towards the C terminal of human FZD7. Synthetic peptide located within the following region: PDFTVFMIKYLMTMIVGITTGFWIWSGKTLQSWRRFYHRLSHSSKGETAV
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose.
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	63 kDa
Gene Name:	frizzled class receptor 7
Database Link:	NP_003498 Entrez Gene 8324 Human O75084

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Background: FZD7 is 7-transmembrane domain protein that is receptor 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.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.

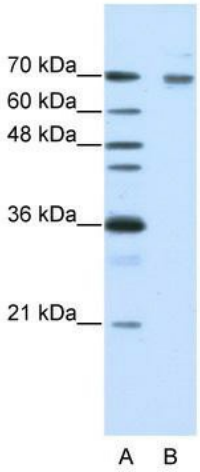
Synonyms: FzE3

Note: Immunogen Sequence Homology: Dog: 100%; Pig: 100%; Rat: 100%; Human: 100%; Mouse: 100%; Bovine: 100%; Rabbit: 100%; Guinea pig: 93%; Yeast: 82%

Protein Families: Druggable Genome, Transmembrane

Protein Pathways: Basal cell carcinoma, Colorectal cancer, Melanogenesis, Pathways in cancer, Wnt signaling pathway

Product images:



WB Suggested Anti-FZD7 Antibody Titration: 0.2-1 ug/ml; Positive Control: HepG2 cell lysate

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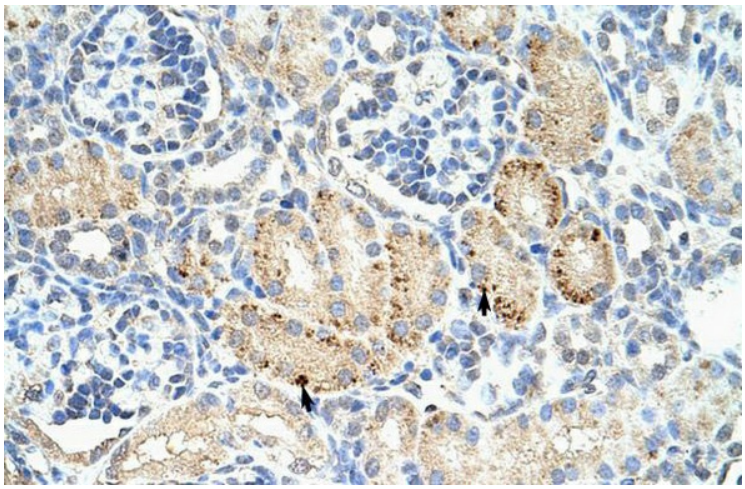

Rabbit Anti-FZD7 Antibody; Paraffin Embedded Tissue: Human Kidney; Cellular Data: Epithelial cells of renal tubule; Antibody Concentration: 4.0-8.0 ug/ml; Magnification: 400X

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