

## ARG64437 anti-FZD7 / Frizzled 7 antibody

Package: 100 µg  
Store at: -20°C

### Summary

Product Description	Goat Polyclonal antibody recognizes FZD7 / Frizzled 7
Tested Reactivity	Hu
Predict Reactivity	Ms
Tested Application	IHC-P, WB
Host	Goat
Clonality	Polyclonal
Isotype	IgG
Target Name	FZD7 / Frizzled 7
Species	Human
Immunogen	C-RFYHRLSHSSKGET
Conjugation	Un-conjugated
Alternate Names	FzE3; hFz7; Fz-7; Frizzled-7

### Application Instructions

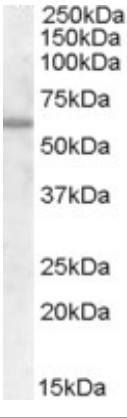
Application table	Application	Dilution
	IHC-P	5 µg/ml
	WB	0.3 - 1 µg/ml
Application Note	WB: Recommend incubate at RT for 1h. IHC-P: Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	

### Properties

Form	Liquid
Purification	Purified from goat serum by antigen affinity chromatography.
Buffer	Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA.
Preservative	0.02% Sodium azide
Stabilizer	0.5% BSA
Concentration	0.5 mg/ml
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

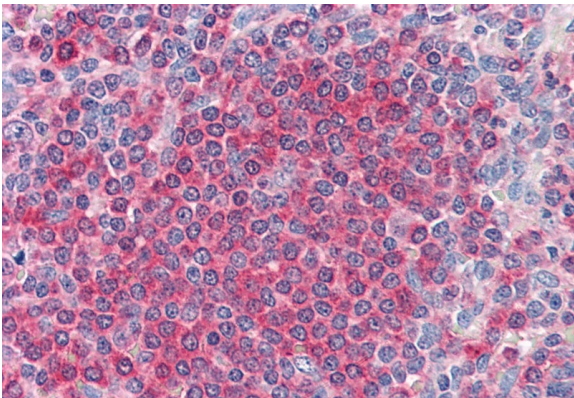
Note	For laboratory research only, not for drug, diagnostic or other use.
<b>Bioinformation</b>	
Database links	<a href="#">GeneID: 8324 Human</a> <a href="#">Swiss-port # O75084 Human</a>
Background	Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt 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, Jul 2008]
Research Area	Cancer antibody; Developmental Biology antibody; Signaling Transduction antibody
Calculated Mw	64 kDa
PTM	Ubiquitinated by ZNRF3, leading to its degradation by the proteasome.

Bioinformation



ARG64437 anti-FZD7 / Frizzled 7 antibody WB image

Western blot: HepG2 cell lysate (35 µg protein in RIPA buffer) stained with ARG64437 anti-FZD7 / Frizzled 7 antibody at 0.3 µg/ml dilution.



ARG64437 anti-FZD7 / Frizzled 7 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human spleen tissue. Antigen Retrieval: Steam tissue section in Citrate buffer (pH 6.0). The tissue section was stained with ARG64437 anti-FZD7 / Frizzled 7 antibody at 5 µg/ml dilution followed by AP-staining.