

Rabbit FZD6 Polyclonal Antibody | anti-FZD6 antibody

FZD6 (IN) Antibody

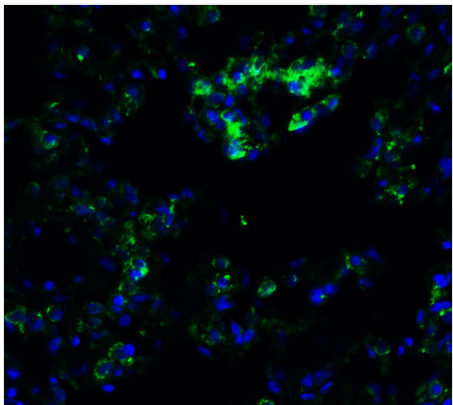
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA40965	Rabbit	Human, Mouse, Rat	Immunofluorescence, Western Blot, ELISA

PRODUCT SYNONYMS

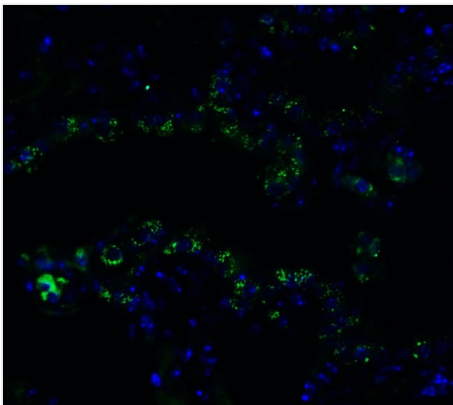
FZD6; Polyclonal Antibody; FZD6 (IN) Antibody; FZD6 Antibody; Frizzled-6; Fz-6; hFz6; frizzled class receptor 6; anti-FZD6 antibody

PRODUCT SPECIFICATIONS

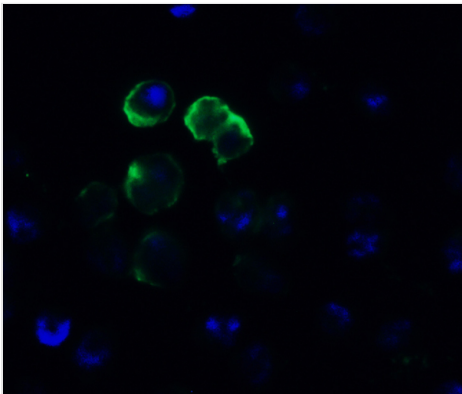
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	FZD6 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid; FZD6 Antibody is supplied in PBS containing 0.02% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-FZD6 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Anti-FZD6 antibody (9551) was raised against a peptide corresponding to 14 amino acids in the central domain of human FZD6. The immunogen is located within 50-550 amino acids of FZD6.
Homology	Predicted species reactivity based on immunogen sequence: Chimpanzee(100%); Monkey (100%); Dog (100%)
Research Area	Cell Cycle, Signal Transduction, Stem Cell, Growth Factors
NCBI Organism	Homo sapiens
Isoforms	Human FZD6 has 2 isoforms, including isoform 1 (706aa, 79.3kD) and isoform 2 (674aa, 75.6kD). Mouse FZD6 has 1 isoform (709aa, 79kD). Rat FZD6 has one isoform (710aa, 79.1kD). can detect FZD6 in human, mouse and rat.
Preparation and Storage	FZD6 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.



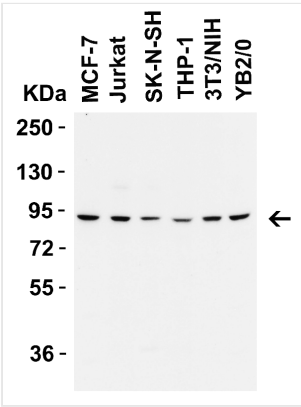
IF (Immunofluorescence)
Figure 4 Immunofluorescence Validation of FZD6 in Rat LungImmunofluorescent analysis of 4% paraformaldehyde-fixed rat lung labeling FZD6 with AAA40965 at 10ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



IF (Immunofluorescence)
Figure 3 Immunofluorescence Validation of FZD6 in Mouse LungImmunofluorescent analysis of 4% paraformaldehyde-fixed mouse lung labeling FZD6 with AAA40965 at 10ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



IF (Immunofluorescence)
Figure 2 Immunofluorescence Validation of FZD6 in Daudi CellsImmunofluorescent analysis of 4% paraformaldehyde-fixed Daudi cells labeling FZD6 with AAA40965 at 10ug/mL, followed by goat anti-rabbit IgG secondary antibody at 1/500 dilution (green) and DAPI staining (blue).



WB (Western Blot)
Figure 1 WB Validation in Human, Mouse and Rat Cell LinesLoading: 15ug of lysate. Antibodies: FZD6 AAA40965, 2ug/mL, 1 h incubation at RT in 5% NFDm/TBST. Secondary: Goat Anti-Rabbit IgG HRP conjugate at 1:10,000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-FZD6 antibody	FZD6 Antibody: FZD6 acts as a receptor for Wnt proteins. Frizzled receptors are coupled to the beta-catenin canonical signaling pathway. Together with FZD3, FZD6 is involved with neural tube closure and plays a role in the regulation of planar cell polarity, particularly in the orientation of asymmetric bundles of stereocilia on apical faces of a subset of sensory cells located in the inner ear.
Product Categories/Family for anti-FZD6 antibody	Primary Antibodies
References	Wang et al. J. Neurosci. 206;26(8):2147-2156

NCBI AND UNIPROT INFORMATION

NCBI GI #	215273986
NCBI GeneID	8323
NCBI Accession #	NP_001158087.1
NCBI GenBank Nucleotide #	NM_001164615.1
UniProt Accession #	O60353; Q6N0A5; Q6P9C3; Q8WXR9; B4DRN0

Molecular Weight	79,292 Da
NCBI Official Full Name	frizzled-6 isoform a
NCBI Official Synonym Full Names	frizzled family receptor 6
NCBI Official Symbol	FZD6
NCBI Official Synonym Symbols	FZ6; FZ-6; HFZ6; NDNC10
NCBI Protein Information	frizzled-6; frizzled homolog 6; seven transmembrane helix receptor; frizzled 6, seven transmembrane spanning receptor
UniProt Protein Name	Frizzled-6
UniProt Gene Name	FZD6
UniProt Synonym Gene Names	Fz-6; hFz6
UniProt Entry Name	FZD6_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/fzd6-antibody-immunofluorescence-western-blot-elisa/40965>