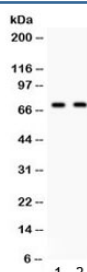


FZD1 Antibody / Frizzled 1 (R32354)

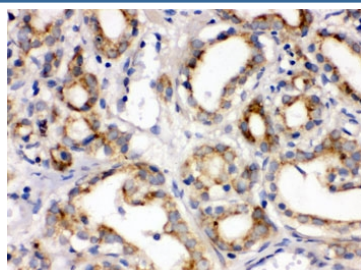
Catalog No.	Formulation	Size
R32354	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity
Buffer	Lyophilized from 1X PBS with 2.5% BSA and 0.025% sodium azide
UniProt	Q9UP38
Localization	Cytoplasmic, membrane
Applications	Western Blot : 0.1-0.5ug/ml IHC (FFPE) : 0.5-1ug/ml
Limitations	This FZD1 antibody is available for research use only.



Western blot testing of human 1) 22RV1 and 2) 293 cell lysate with FZD1 antibody. Predicted/observed molecular weight ~71 kDa.



IHC testing of FFPE human prostate cancer tissue with FZD1 antibody. HIER: Boil the paraffin sections in pH 6, 10mM citrate buffer for 20 minutes and allow to cool prior to staining.

Description

Frizzled-1 (Frizzled homolog 1) is a protein that in humans is encoded by the FZD1 gene. Members of the 'frizzled' gene family encode 7-transmembrane domain proteins that are receptors for Wnt signaling proteins. The FZD1 protein contains a signal peptide, a cysteine-rich domain in the N-terminal extracellular region, 7 transmembrane domains, and a C-terminal PDZ domain-binding motif. The FZD1 transcript is expressed in various tissues.

Application Notes

Optimal dilution of the FZD1 antibody should be determined by the researcher.

Immunogen

Amino acids YIAGFLLEDRVVCNDKFAEDGARTVAQG TKKE of human Frizzled 1 were used as the immunogen for the FZD1 antibody.

Storage

After reconstitution, the FZD1 antibody can be stored for up to one month at 4°C. For long-term, aliquot and store at -20°C. Avoid repeated freezing and thawing.