

Frizzled 10 Polyclonal antibody

Catalog Number: 18175-1-AP

9 Publications

Basic Information

Catalog Number:

18175-1-AP

Concentration:

550 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG12867

GenBank Accession Number:

BC074998

GeneID (NCBI):

11211

UNIPROT ID:

Q9ULW2

Full Name:

frizzled homolog 10 (Drosophila)

Calculated MW:

581 aa, 65 kDa

Observed MW:

65 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:1000

IHC: 1:20-1:200

IF-P: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Cited Applications:

WB, IHC, IF

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, chicken, zebrafish, goat

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Positive Controls:

WB: mouse kidney tissue, HeLa cells

IHC: human kidney tissue,

IF-P: human kidney tissue,

Background Information

FZD10 (Frizzled homolog 10) is a member of the frizzled gene family, and considered as a seven-transmembrane Wnt-signaling receptor. FZD10 is expressed at high levels on the cell surface of almost all synovial sarcoma tissues but absent in most normal organs except for placenta. Up-regulation of FZD10 mRNA in several types of human cells might lead to carcinogenesis through activation of the beta-catenin-TCF signaling pathway with some class of WNTs.

Notable Publications

Author	Pubmed ID	Journal	Application
Wenjia Liu	30555565	Theranostics	WB
Alison E Jarmas	34732708	Nat Commun	WB, FC
Qian Sun	25017705	Int J Oncol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

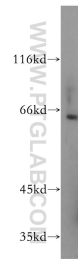
For technical support and original validation data for this product please contact:

T: 4006900926

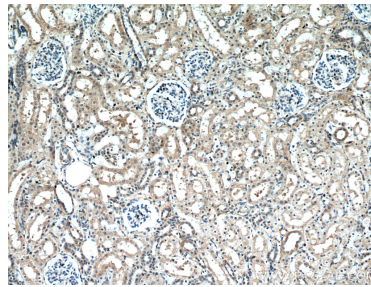
E: Proteintech-CN@ptglab.comW: ptgcn.com

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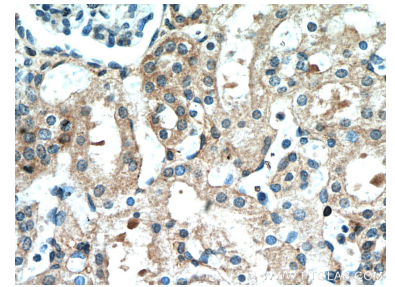
Selected Validation Data



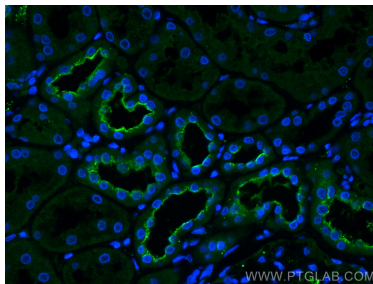
mouse kidney tissue were subjected to SDS PAGE followed by western blot with 18175-1-AP (Frizzled 10 antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human kidney using 18175-1-AP (Frizzled 10 antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human kidney using 18175-1-AP (Frizzled 10 antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed human kidney tissue using Frizzled 10 antibody (18175-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L).