

For Research Use Only

Frizzled 7 Polyclonal antibody

Catalog Number: 16974-1-AP

Featured Product

12 Publications



Basic Information

Catalog Number:

16974-1-AP

Size:

800 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG9446

GenBank Accession Number:

BC015915

GeneID (NCBI):

8324

UNIPROT ID:

O75084

Full Name:

frizzled homolog 7 (Drosophila)

Calculated MW:

574 aa, 64 kDa

Observed MW:

64 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

IP 0.5-4.0 µg for 1.0-3.0 mg of total protein lysate

IHC 1:400-1:1600

Applications

Tested Applications:

IHC, IP, WB, ELISA

Cited Applications:

WB, IF, RIP, IHC, ColP

Species Specificity:

human, mouse

Cited Species:

human, mouse

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 skeletal muscle tissue, mouse heart tissue, mouse kidney tissue

IP: mouse skeletal muscle tissue,

IHC: human small intestine tissue,

Background Information

Frizzled class receptor 7 (Frizzled 7, also known as FZD7) is a member of the superfamily of G protein-coupled receptor proteins that act as receptors in the Wnt signaling pathway. Frizzled 7 plays a role in development, stem cell renewal, and differentiation and has been implicated in the progression of various cancers.

Notable Publications

Author	Pubmed ID	Journal	Application
Yongzhong Cheng	31733054	Med Sci Monit	WB
Wenjia Liu	30555565	Theranostics	WB
Kate Sokolina	28298427	Mol. Syst Biol	WB

Storage

Storage:

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

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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

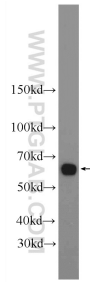
T: 4006900926

E: Proteintech-CN@ptglab.com

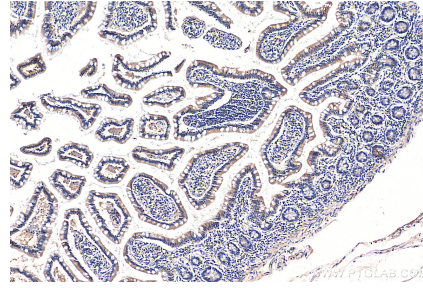
W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

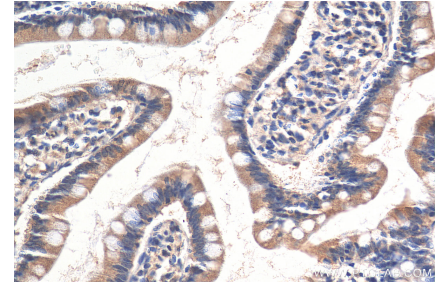
Selected Validation Data



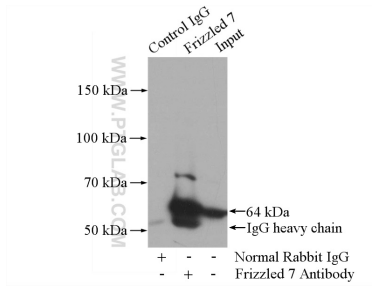
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 16974-1-AP (Frizzled 7 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 16974-1-AP (Frizzled 7 antibody) at dilution of 1:800 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human small intestine tissue slide using 16974-1-AP (Frizzled 7 antibody) at dilution of 1:800 (under 40x lens).



IP result of anti-Frizzled 7 (IP:16974-1-AP, 4ug; Detection:16974-1-AP 1:600) with mouse skeletal muscle tissue lysate 2200ug.