

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:**  
150ul, Concentration: 800 µg/ml by Nanodrop and 333 µg/ml by Bradford method using BSA as the standard;

**Source:**  
Rabbit

**Isotype:**  
IgG

**Immunogen Catalog Number:**  
AG9446

**GenBank Accession Number:**  
BC015915

**GeneID (NCBI):**  
8324

**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 ug for IP and 1:500-1:1000 for WB  
IHC 1:400-1:1600

## Applications

**Tested Applications:**  
IHC, IP, WB, ELISA

**Cited Applications:**  
CoIP, IF, IHC, RIP, WB

**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

\*\*\* 20ul sizes contain 0.1% BSA

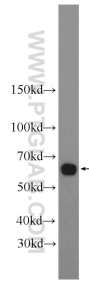
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

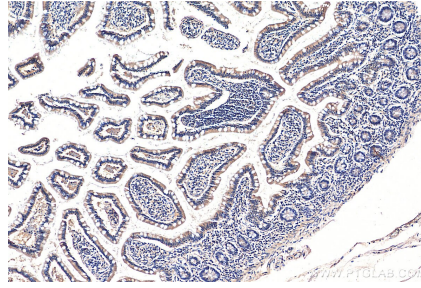
E: proteintech@ptglab.com  
W: ptglab.com

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

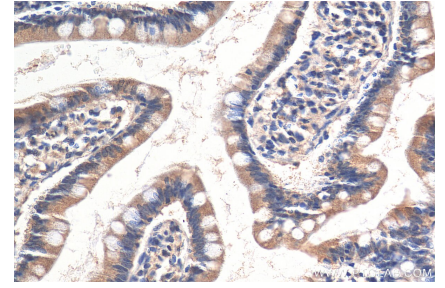
## Selected Validation Data



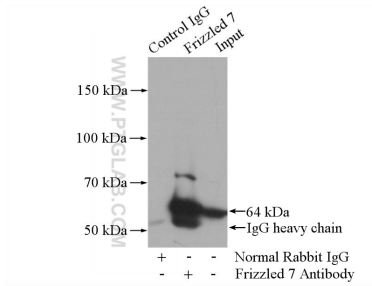
mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 16974-1-AP (Frizzled 7 antibody) at dilution of 1:600 incubated at room temperature for 1.5 hours.



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.