

For Research Use Only

# Frizzled 2 Polyclonal antibody

Catalog Number: 24272-1-AP

Featured Product

9 Publications



## Basic Information

**Catalog Number:**

24272-1-AP

**Size:**

800 µg/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG18003

**GenBank Accession Number:**

BC113402

**GeneID (NCBI):**

2535

**UNIPROT ID:**

Q14332

**Full Name:**

frizzled homolog 2 (Drosophila)

**Calculated MW:**

565 aa, 64 kDa

**Observed MW:**

64-70 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:1000

IF 1:50-1:500

## Applications

**Tested Applications:**

WB, IF/ICC, ELISA

**Cited Applications:**

WB

**Species Specificity:**

human, mouse, rat

**Cited Species:**

human, rat, mouse

**Positive Controls:**

**WB :** Caco-2 cells, mouse colon tissue, rat kidney tissue, HEK-293 cells, mouse colon tissue

**IF :** U2OS cells,

## Background Information

Frizzled 2(FZD2) also known as FzE2, which belongs to the G-protein coupled receptor Fz/Smo family. FZD2 is an important receptor in the Wnt pathway, which is highly expressed in malignant tumors and helps regulate multiple tumor behaviors. Its expression level is related to prognosis. Moreover, high level of FZD2 had significant correlation with poor prognosis in Breast cancer (BC) patients(PMID: 33832493).

## Notable Publications

Author	Pubmed ID	Journal	Application
Wenjia Liu	30555565	Theranostics	WB
Yi Liu	33997170	Genes Dis	WB
Ying Xu	34425061	Pharm 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:

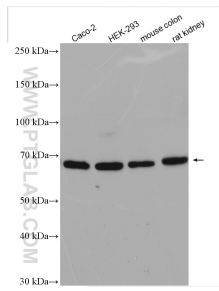
T: 4006900926

E: Proteintech-CN@ptglab.com

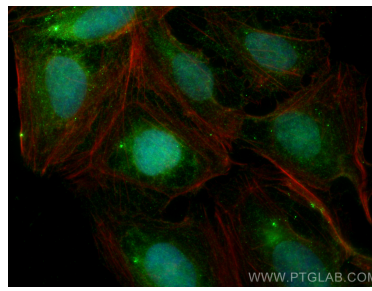
W: ptgcn.com

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## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 24272-1-AP (Frizzled 2 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed U2OS cells using Frizzled 2 antibody (24272-1-AP) at dilution of 1:200 and CoraLite® 488-Conjugated AffiniPure Goat Anti-Rabbit IgG(H+L), CL594-Phalloidin (red).