

For Research Use Only

# OGFR Polyclonal antibody

Catalog Number:11177-1-AP

Featured Product

14 Publications



## Basic Information

**Catalog Number:**

11177-1-AP

**Size:**

1000 ug/ml

**Source:**

Rabbit

**Isotype:**

IgG

**Immunogen Catalog Number:**

AG1671

**GenBank Accession Number:**

BC014137

**GeneID (NCBI):**

11054

**UNIPROT ID:**

Q9NZT2

**Full Name:**

opioid growth factor receptor

**Calculated MW:**

73 kDa

**Observed MW:**

90-110 kDa

**Purification Method:**

Antigen affinity purification

**Recommended Dilutions:**

WB 1:500-1:2000

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

IHC 1:50-1:500

IF/ICC 1:20-1:200

## Applications

**Tested Applications:**

WB, IHC, IF/ICC, IP, ELISA

**Cited Applications:**

WB, IHC, IF

**Species Specificity:**

human

**Cited Species:**

human, mouse

**Positive Controls:**

**WB** : COLO 320 cells, A549 cells, HEK-293 cells, L02 cells

**IP** : COLO 320 cells,

**IHC** : human colon cancer,

**IF/ICC** : COLO 320 cells, L02 cells

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

## Background Information

### Notable Publications

Author	Pubmed ID	Journal	Application
Xiaonan Wang	30425572	Cancer Manag Res	IHC
Xiaonan Wang	30343258	Int Immunopharmacol	IHC
Xueli Bai	33965882	Int Immunopharmacol	WB, IHC

## 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:

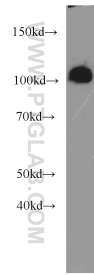
T: 4006900926

E: Proteintech-CN@ptglab.com

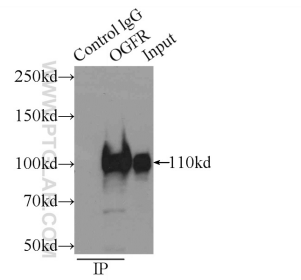
W: ptgcn.com

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

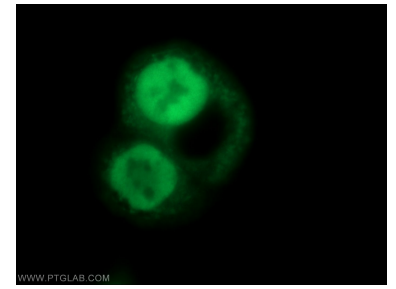
## Selected Validation Data



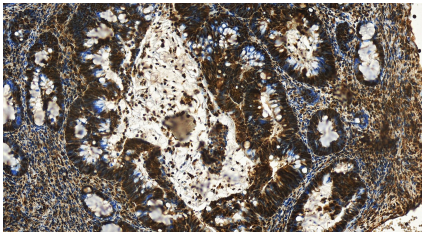
COLO 320 cells were subjected to SDS PAGE followed by western blot with 11177-1-AP (OGFR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



IP result of anti-OGFR (IP:11177-1-AP, 5ug; Detection:11177-1-AP 1:500) with COLO 320 cells lysate 1200ug.



Immunofluorescent analysis of COLO 320 cells using 11177-1-AP (OGFR antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).



Immunohistochemical analysis of paraffin-embedded human colon cancer slide using 11177-1-AP (OGFR antibody) at dilution of 1:200 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).