

For Research Use Only

OGFR Polyclonal antibody

Catalog Number: 11177-1-AP

Featured Product

14 Publications



Basic Information

Catalog Number:

11177-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

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

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 : 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

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

*** 20ul sizes contain 0.1% BSA

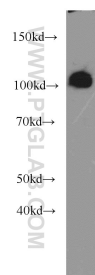
For technical support and original validation data for this product please contact:

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

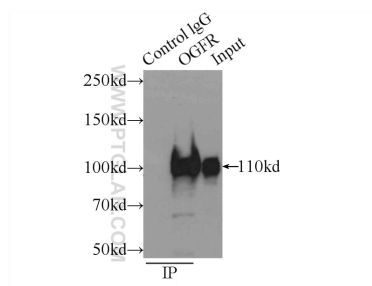
E: proteintech@ptglab.com
W: ptglab.com

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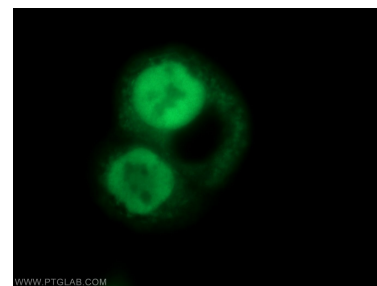
Selected Validation Data



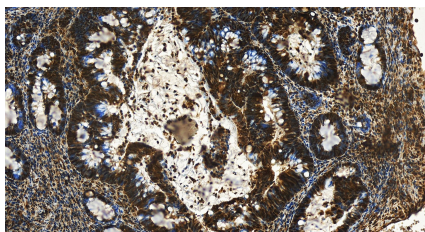
COLO 320 cells were subjected to SDS PAGE followed by western blot with 11177-1-AP (OGFR antibody) at dilution of 1:1000 incubated at room temperature for 1.5 hours.



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).