

For Research Use Only

NGFR/TNFRSF16 Polyclonal antibody

Catalog Number: 55014-1-AP

28 Publications



Basic Information

Catalog Number:

55014-1-AP

Size:

150ul, Concentration: 980 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002507

GeneID (NCBI):

4804

UNIPROT ID:

P08138

Full Name:

nerve growth factor receptor (TNFR superfamily, member 16)

Calculated MW:

45 kDa

Observed MW:

70-75 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:4000

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

IHC 1:200-1:800

Applications

Tested Applications:

WB, IHC, IP, ELISA

Cited Applications:

WB, IHC, CoIP

Species Specificity:

human, mouse, rat

Cited Species:

human, mouse, rat

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 brain tissue, rat brain tissue

IP: mouse brain tissue,

IHC: mouse brain tissue, human prostate hyperplasia tissue, human spleen tissue, mouse spleen tissue

Background Information

NGFR, also named as TNFRSF16, Gp80-LNGFR, p75 ICD and CD271, is a low affinity receptor which can bind to NGF, BDNF, NT-3, and NT-4. It mediates cell survival as well as cell death of neural cells. The antibody is specific to NGFR.

Notable Publications

Author	Pubmed ID	Journal	Application
Gaofeng Zhan	30259075	Psychopharmacology (Berl)	WB
Yaling Zhang	36233452	J Clin Med	WB
Haoye Zhang	36397300	Cell Mol Gastroenterol Hepatol	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

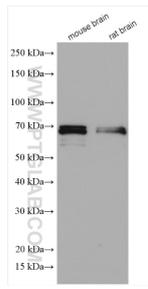
For technical support and original validation data for this product please contact:

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

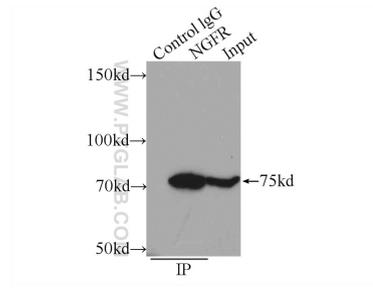
E: proteintech@ptglab.com
W: ptglab.com

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

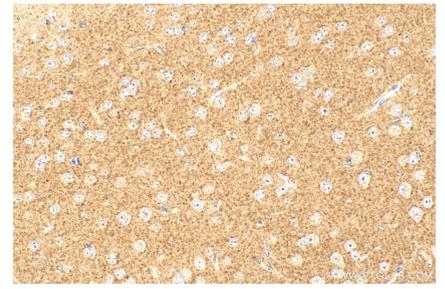
Selected Validation Data



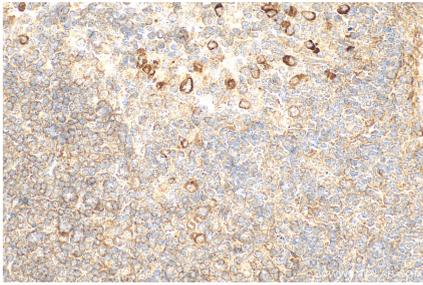
Various lysates were subjected to SDS PAGE followed by western blot with 55014-1-AP (p75NTR antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.



IP result of anti-p75NTR (IP:55014-1-AP, 3ug; Detection:55014-1-AP 1:300) with mouse brain tissue lysate 5000ug.



Immunohistochemical analysis of paraffin-embedded mouse brain tissue slide using 55014-1-AP (p75NTR antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded mouse spleen tissue slide using 55014-1-AP (p75NTR antibody) at dilution of 1:400 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).