For Research Use Only

NGEF Polyclonal antibody

Catalog Number:13271-1-AP 1 Publications

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Basic Information

Catalog Number:
13271-1-AP

Size:
1000 μg/ml

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG3967

GenBank Accession Number:
BC031573

GeneID (NCBI):
25791

UNIPROT ID:
Q8N5V2

Full Name:
neuronal guanine nucleotide exchange factor

Calculated MW:
710 aa, 82 kDa

Observed MW:
71 kDa

Purification Method:
Antigen affinity purification

Recommended Dilutions:
WB 1:1000-1:8000
IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate
IHC 1:50-1:500

Applications

Tested Applications:
IHC, IP, WB, ELISA

Cited Applications:
WB

Species Specificity:
human, mouse, rat

Cited Species:
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, mouse testis tissue, rat brain tissue

IP : mouse brain tissue,

IHC : human brain tissue,

Background Information

Notable Publications

Author	Pubmed ID	Journal	Application
Tao Tong	38123022	Brain Res Bull	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:
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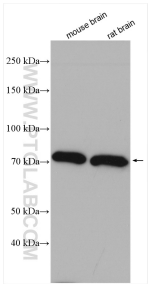
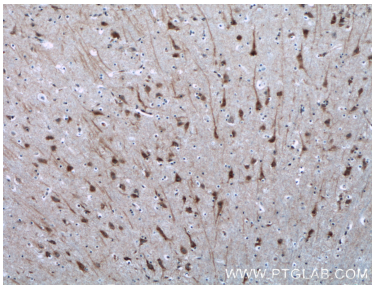
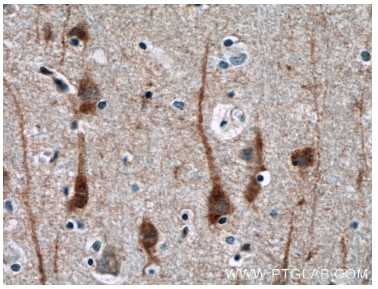
Selected Validation Data



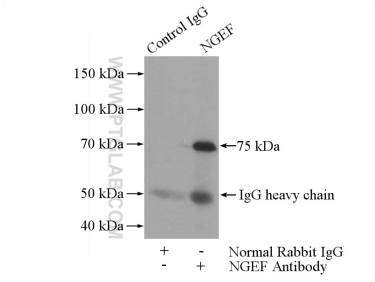
Various lysates were subjected to SDS PAGE followed by western blot with 13271-1-AP (NGEF antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 13271-1-AP (NGEF antibody) at dilution of 1:200 (under 10x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 13271-1-AP (NGEF antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



IP result of anti-NGEF (IP:13271-1-AP, 4ug; Detection:13271-1-AP 1:500) with mouse brain tissue lysate 4000ug.