

For Research Use Only

NGB Polyclonal antibody

Catalog Number: 13499-1-AP

13 Publications



Basic Information

Catalog Number:

13499-1-AP

Size:

150ul, Concentration: 750 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4325

GenBank Accession Number:

BC032509

GeneID (NCBI):

58157

UNIPROT ID:

Q9NPG2

Full Name:

neuroglobin

Calculated MW:

151 aa, 16 kDa

Observed MW:

16 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB: 1:500-1:3000

IHC: 1:20-1:200

IF-P: 1:50-1:500

Applications

Tested Applications:

WB, IHC, IF-P, ELISA

Cited Applications:

WB, IHC, IF

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: fetal human brain tissue,

IHC: human pancreas cancer tissue,

IF-P: mouse brain tissue, rat brain tissue

Notable Publications

Author	Pubmed ID	Journal	Application
Fan Yang	31191229	Front Neurosci	WB
Haixia Wen	29802248	Cell Death Dis	WB, IHC, IF
Zoë P Van Acker	28391636	FEBS Lett	IHC

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

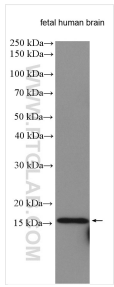
For technical support and original validation data for this product please contact:

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

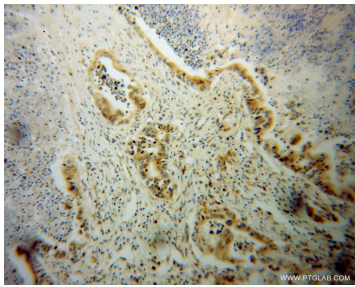
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W: ptglab.com

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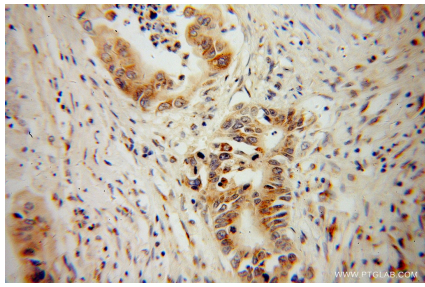
Selected Validation Data



Fetal human brain lysates were subjected to SDS PAGE followed by western blot with 13499-1-AP (NGB antibody) at dilution of 1:1500 incubated at room temperature for 1.5 hours.



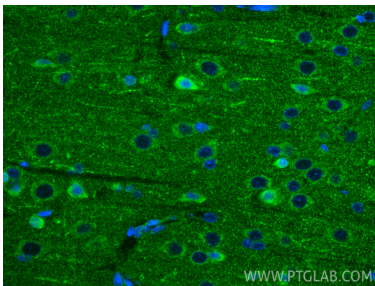
Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 13499-1-AP (NGB antibody) at dilution of 1:100 (under 10x lens).



Immunohistochemical analysis of paraffin-embedded human pancreas cancer using 13499-1-AP (NGB antibody) at dilution of 1:100 (under 40x lens).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded mouse brain tissue using NGB antibody (13499-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunofluorescent analysis of (4% PFA) fixed paraffin-embedded rat brain tissue using NGB antibody (13499-1-AP) at dilution of 1:200 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).