

For Research Use Only

NGRN Polyclonal antibody

Catalog Number: 14885-1-AP

Featured Product

4 Publications



Basic Information

Catalog Number:

14885-1-AP

Size:

150ul, Concentration: 1000 ug/ml by Nanodrop and 433 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG6661

GenBank Accession Number:

BC001682

GeneID (NCBI):

51335

UNIPROT ID:

Q9NPE2

Full Name:

neugrin, neurite outgrowth associated

Calculated MW:

32 kDa

Observed MW:

30-32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, mouse, rat

Cited Species:

human

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 liver tissue,

IHC : human brain tissue, human heart tissue, human testis tissue

Background Information

NGRN, also named as Neugrin or FI58G, is a 291 amino acid protein, which belongs to the neugrin family. NGRN localizes in the nucleus and is expressed at high levels in heart, brain and skeletal muscle. In brain, it is mainly expressed in neurons rather than glial cells. NGRN may be involved in neuronal differentiation.

Notable Publications

Author	Pubmed ID	Journal	Application
Jason D Arroyo	27667664	Cell Metab	WB,IF
Víctor Llombart	27888142	J Proteomics	
Hana Antonicka	27974379	EMBO Rep	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

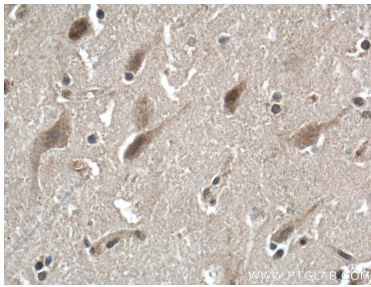
For technical support and original validation data for this product please contact:

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

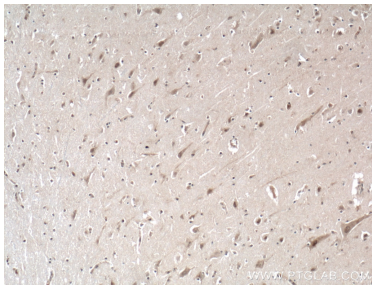
E: proteintech@ptglab.com
W: ptglab.com

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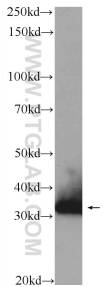
Selected Validation Data



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 14885-1-AP (NGRN Antibody) at dilution of 1:200 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



Immunohistochemical analysis of paraffin-embedded human brain tissue slide using 14885-1-AP (NGRN Antibody) at dilution of 1:200 (under 10x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).



mouse liver tissue were subjected to SDS PAGE followed by western blot with 14885-1-AP (NGRN Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.