

For Research Use Only

NKIAMRE Polyclonal antibody

Catalog Number: 13888-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number:

13888-1-AP

Size:

150ul, Concentration: 500 ug/ml by Nanodrop and 400 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG4812

GenBank Accession Number:

BC041799

GeneID (NCBI):

51265

UNIPROT ID:

Q8IVW4

Full Name:

cyclin-dependent kinase-like 3

Calculated MW:

592 aa, 68 kDa

Observed MW:

52-60 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:50-1:500

Applications

Tested Applications:

WB, IHC, ELISA

Cited Applications:

WB, IHC

Species Specificity:

human

Cited Species:

human

Positive Controls:

WB : HeLa cells,

IHC : human gliomas tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

NKIAMRE is also named as CDKL3(Cyclin-dependent kinase-like 3) and belongs to the protein kinase superfamily. This protein contains the MAPK-like TDY motif for threonine and tyrosine phosphorylation, as well as the putative cyclin-binding motif(PMID:10463609). It has 2 isoforms produced by alternative splicing with the molecular mass of 52 kDa and 68 kDa.

Notable Publications

Author	Pubmed ID	Journal	Application
Jinduo Zhang	29615928	Front Physiol	WB,IHC
Suna Zhou	32974198	Front Oncol	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

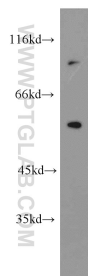
For technical support and original validation data for this product please contact:

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

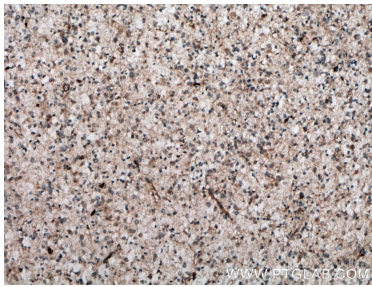
E: proteintech@ptglab.com
W: ptglab.com

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

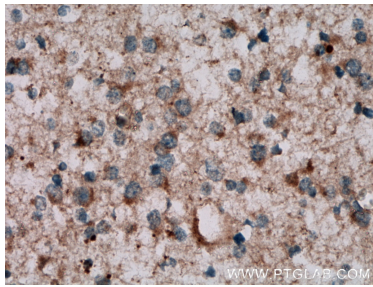
Selected Validation Data



HeLa cells were subjected to SDS PAGE followed by western blot with 13888-1-AP (NKIAMRE antibody) at dilution of 1:800 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human gliomas tissue slide using 13888-1-AP (NKIAMRE 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 gliomas tissue slide using 13888-1-AP (NKIAMRE antibody) at dilution of 1:200 (under 40x lens. Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).