

For Research Use Only

NKIAMRE Polyclonal antibody

Catalog Number: 13888-1-AP

Featured Product

2 Publications



Basic Information

Catalog Number: 13888-1-AP	GenBank Accession Number: BC041799	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 500 µg/ml by Nanodrop and 400 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 51265	Recommended Dilutions: WB 1:500-1:1000 IHC 1:50-1:500
Source: Rabbit	Full Name: cyclin-dependent kinase-like 3	
Isotype: IgG	Calculated MW: 592 aa, 68 kDa	
Immunogen Catalog Number: AG4812	Observed MW: 52-60 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls: WB : HeLa cells, IHC : human gliomas tissue,
Cited Applications: IHC, WB	
Species Specificity: human	
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

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

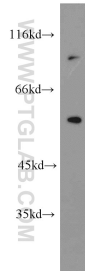
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 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
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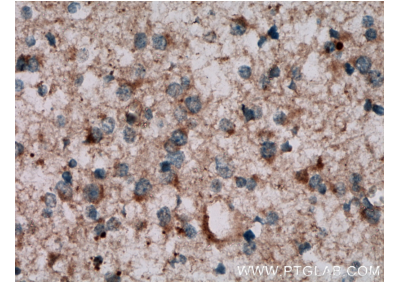
Selected Validation Data



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).