

NKIAMRE Polyclonal Antibody

Catalog number: 13888-1-AP

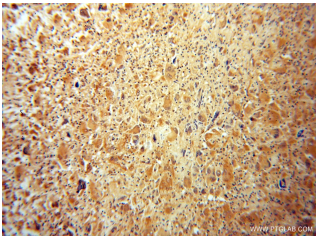
Size: 60 µg/150 µl

Source: Rabbit

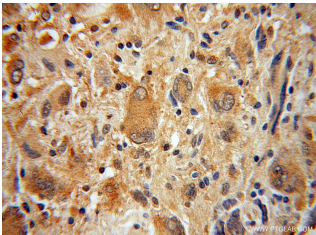
Isotype: IgG

Synonyms:

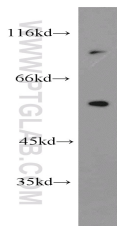
CDKL3; CDKL3, cyclin dependent kinase like 3, NKIAMRE



Immunohistochemical of paraffin-embedded human gliomas using 13888-1-AP (CDKL3 antibody) at dilution of 1:50 (under 10x lens)



Immunohistochemical of paraffin-embedded human gliomas using 13888-1-AP (CDKL3 antibody) at dilution of 1:50 (under 40x lens)



HeLa cells were subjected to SDS PAGE followed by western blot with 13888-1-AP (CDKL3 antibody) at dilution of 1:800

Background

NKIAMRE is also named as CDKL3 (Cyclin-dependent kinase-like 3) and belongs to the protein kinase superfamily. It restricts cell growth or maintaining differentiation and may have a role in regulating cell growth and/or differentiation. 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.

Applications

Tested applications:	ELISA, WB, IHC
Species specificity:	Human, Mouse, Rat; other species not tested.
Calculated NKIAMRE MW:	592aa, 68kd
Observed NKIAMRE MW:	52-60kd
Positive WB detected in	HeLa cells
Positive IHC detected in	Human gliomas tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag4812
GenBank accession number:	BC041799
Gene ID (NCBI):	51265
Full name:	Cyclin-dependent kinase-like 3

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3. Store at -20°C.