

NKIAMRE Polyclonal Antibody

Catalog No :	YT3134
Reactivity :	Human;Rat;Mouse;
Applications :	IHC;IF;WB;ELISA
Target :	NKIAMRE
Gene Name :	CDKL3
Protein Name :	Cyclin-dependent kinase-like 3
Human Gene Id :	51265
Human Swiss Prot No :	Q8IVW4
Mouse Swiss Prot No :	Q8BLF2
Immunogen :	The antiserum was produced against synthesized peptide derived from human CDKL3. AA range:291-340
Specificity :	NKIAMRE Polyclonal Antibody detects endogenous levels of NKIAMRE protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500-2000 IHC 1:100 - 1:300. ELISA: 1:5000.. IF 1:50-200
Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Concentration :	1 mg/ml
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Observed Band :	67kD

Background :

The protein encoded by this gene is a member of cyclin-dependent protein kinase (CDK) family. CDK family members are highly similar to the gene products of *Saccharomyces cerevisiae* cdc28, and *Schizosaccharomyces pombe* cdc2, and are known to be important regulators of cell cycle progression. This gene was identified as a gene absent in leukemic patients with chromosome 5q deletion. This loss may be an important determinant of dysmyelopoiesis. Alternative splicing results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Jul 2008],

Function :

catalytic activity:ATP + a protein = ADP + a phosphoprotein.,domain:The [NKR]KIAxRE motif seems to be a cyclin-binding region.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.,similarity:Contains 1 protein kinase domain.,

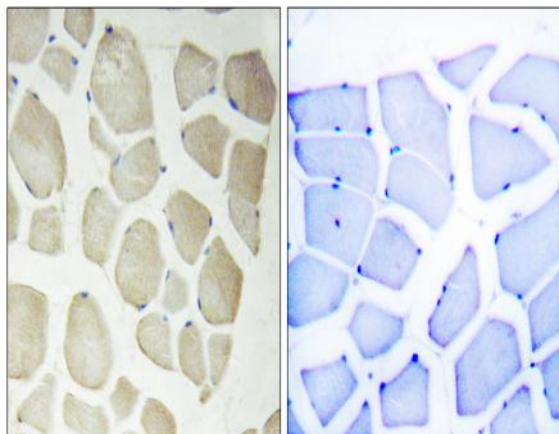
Subcellular Location :

Cytoplasm .

Expression :

Fetal heart, Testis,

Products Images



Immunohistochemistry analysis of paraffin-embedded human skeletal muscle, using CDKL3 Antibody. The picture on the right is blocked with the synthesized peptide.