

KKIAMRE Polyclonal Antibody

Catalog No :	YT2482
Reactivity :	Human;Rat;Mouse;
Applications :	WB;IHC;IF;ELISA
Target :	KKIAMRE
Gene Name :	CDKL2
Protein Name :	Cyclin-dependent kinase-like 2
Human Gene Id :	8999
Human Swiss Prot No :	Q92772
Mouse Swiss Prot No :	Q9QUK0
Immunogen :	The antiserum was produced against synthesized peptide derived from human CDKL2. AA range:211-260
Specificity :	KKIAMRE Polyclonal Antibody detects endogenous levels of KKIAMRE protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. 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 :	56kD

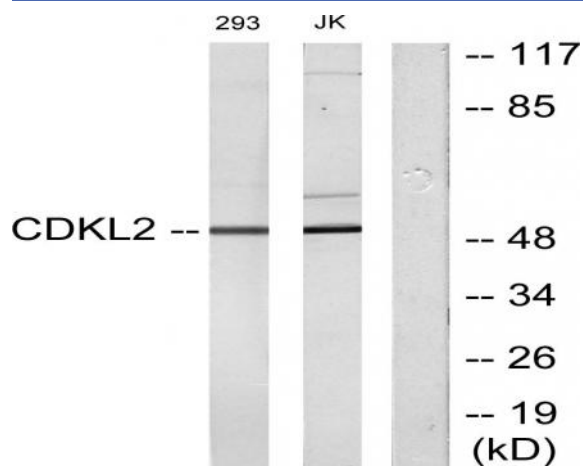
Background : This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the cytoplasm, with lower levels in the nucleus. [provided by RefSeq, Jul 2008],

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.,tissue specificity:Expressed in testis and kidney, and at lower level in brain and lung.,

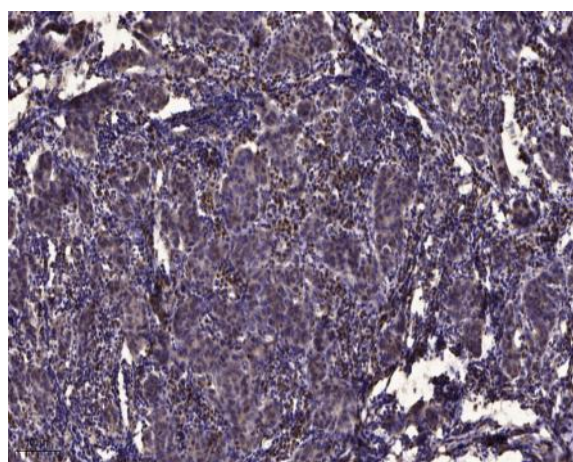
Subcellular Location : Cytoplasm . Nucleus .

Expression : Expressed in testis and kidney, and at lower level in brain and lung.

Products Images



Western blot analysis of lysates from Jurkat and 293 cells, using CDKL2 Antibody. The lane on the right is blocked with the synthesized peptide.



Immunohistochemical analysis of paraffin-embedded human Breast cancer. 1, Antibody was diluted at 1:200(4° overnight). 2, Tris-EDTA,pH9.0 was used for antigen retrieval. 3,Secondary antibody was diluted at 1:200(room temperature, 45min).