

## KKIAMRE Polyclonal Antibody

<b>Catalog No :</b>	YT2482
<b>Reactivity :</b>	Human;Rat;Mouse;
<b>Applications :</b>	WB;IHC;IF;ELISA
<b>Target :</b>	KKIAMRE
<b>Gene Name :</b>	CDKL2
<b>Protein Name :</b>	Cyclin-dependent kinase-like 2
<b>Human Gene Id :</b>	8999
<b>Human Swiss Prot No :</b>	Q92772
<b>Mouse Swiss Prot No :</b>	Q9QUK0
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human CDKL2. AA range:211-260
<b>Specificity :</b>	KKIAMRE Polyclonal Antibody detects endogenous levels of KKIAMRE protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IHC 1:100 - 1:300. ELISA: 1:10000.. IF 1:50-200
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	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

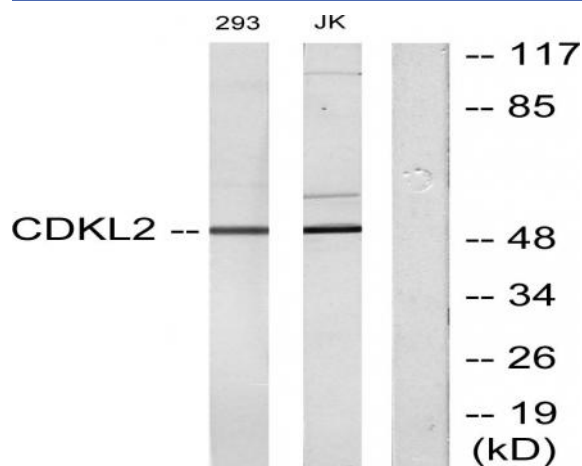
## Location :

Cytoplasm . Nucleus .

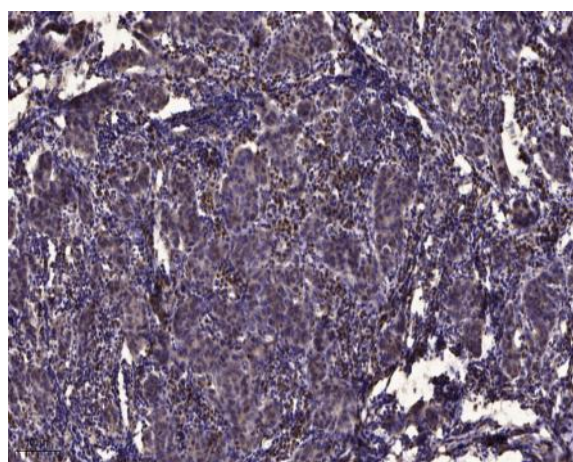
## Expression :

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).