



# KKIAMRE Polyclonal Antibody

<b>Catalog No</b>	BYab-16745
<b>Isotype</b>	IgG
<b>Reactivity</b>	Human;Rat;Mouse;
<b>Applications</b>	WB;IHC;IF;ELISA
<b>Gene Name</b>	CDKL2
<b>Protein Name</b>	Cyclin-dependent kinase-like 2
<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>Purification</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Dilution</b>	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
<b>Concentration</b>	1 mg/ml
<b>Purity</b>	≥90%
<b>Storage Stability</b>	-20°C/1 year
<b>Synonyms</b>	CDKL2; Cyclin-dependent kinase-like 2; Protein kinase p56 KKIAMRE; Serine/threonine-protein kinase KKIAMRE
<b>Observed Band</b>	56kD
<b>Cell Pathway</b>	Cytoplasm . Nucleus .
<b>Tissue Specificity</b>	Expressed in testis and kidney, and at lower level in brain and lung.
<b>Function</b>	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.,
<b>Background</b>	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],

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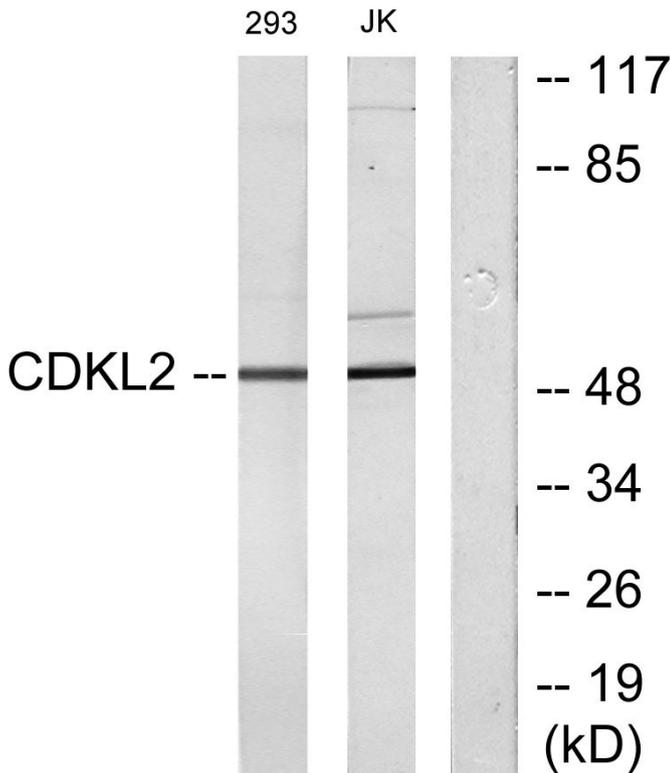
**matters needing attention**

Avoid repeated freezing and thawing!

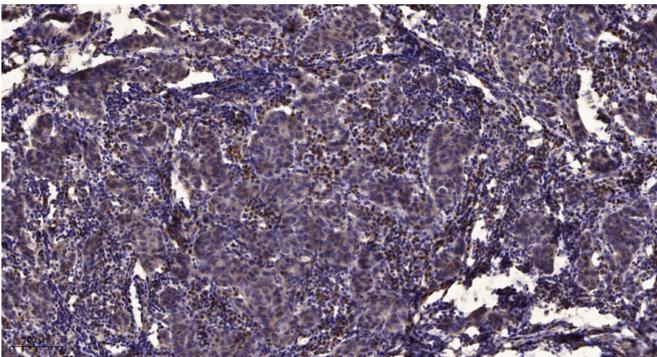
**Usage suggestions**

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

## 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).

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