



KKIAMRE Polyclonal Antibody

Catalog No	YP-Ab-16745
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CDKL2
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
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/10000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDC2 related kinase;CDK L2;CDKL 2;CDKL2;CDKL2_HUMAN;Cyclin dependent kinase like 2;Cyclin-dependent kinase-like 2;KKIAMRE;p56 KKIAMRE protein kinase;Protein kinase p56 KKIAMRE;Serine/threonine protein kinase KKIAMRE;Serine/threonine-protein kinase KKIAMRE
Observed Band	56kD
Calculated Molecular Weight	56kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Expressed in testis and kidney, and at lower level in brain and lung.
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.,
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],



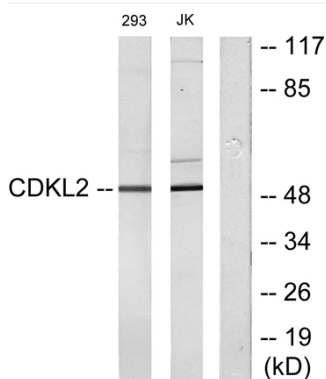
matters needing attention

Avoid repeated freezing and thawing!

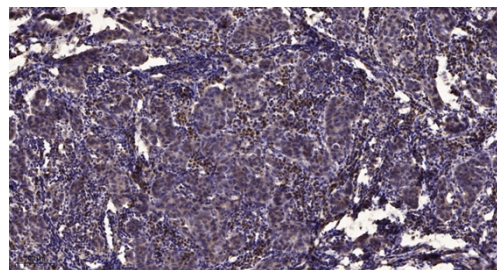
Usage suggestions

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).