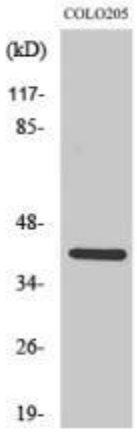
KKIALRE Monoclonal Antibody

Catalog No	YP-mAb-16744
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB
Gene Name	CDKL1
Protein Name	Cyclin-dependent kinase-like 1
Immunogen	The antiserum was produced against synthesized peptide derived from human CDKL1. AA range:281-330
Specificity	KKIALRE Monoclonal Antibody detects endogenous levels of KKIALRE protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDKL1; Cyclin-dependent kinase-like 1; Protein kinase p42 KKIALRE; Serine/threonine-protein kinase KKIALRE
Observed Band	42kD
Cell Pathway	Cytoplasm . Nucleus .
Tissue Specificity	Highly expressed in kidney, and to a lower extent in ovary.
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.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. CDC2/CDKX subfamily.,similarity:Contains 1 protein kinase domain.,tissue specificity:Highly expressed in kidney, and to a lower extent in ovary.,
Background	This gene product is a member of a large family of CDC2-related serine/threonine protein kinases. It accumulates primarily in the nucleus. Two transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Aug 2013],
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 various cells using KKIALRE Monoclonal Antibody diluted at 1:500