



Cdk10 Polyclonal Antibody

Catalog No	YP-Ab-16697
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;IHC;IF;ELISA
Gene Name	CDK10
Immunogen	The antiserum was produced against synthesized peptide derived from human CDK10. AA range:51-100
Specificity	Cdk10 Polyclonal Antibody detects endogenous levels of Cdk10 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	Serine/threonine-protein kinase PISSLRE;EC:2.7.11.22;Cyclin-dependent kinase 10;Cyclin dependent kinase 10;Cdk10;Cell division protein kinase 10
Observed Band	43kD
Calculated Molecular Weight	43kD
Cell Pathway	Cytoplasm, cytoskeleton, cilium basal body .
Tissue Specificity	Brain,Colon,Kidney,Lung,
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,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.,
Background	The protein encoded by this gene belongs to the CDK subfamily of the Ser/Thr protein kinase family. The CDK subfamily members are highly similar to the gene products of <i>S. cerevisiae</i> cdc28, and <i>S. pombe</i> cdc2, and are known to be essential for cell cycle progression. This kinase has been shown to play a role in cellular proliferation and its function is limited to cell cycle G2-M phase. Multiple transcript variants encoding different isoforms have been found for this gene.



[provided by RefSeq, May 2009],

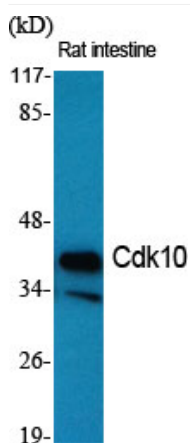
matters needing attention

Avoid repeated freezing and thawing!

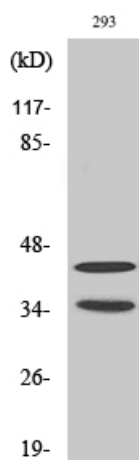
Usage suggestions

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

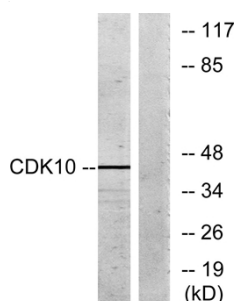
Products Images



Western Blot analysis of various cells using Cdk10 Polyclonal Antibody diluted at 1:500



Western Blot analysis of 293 cells using Cdk10 Polyclonal Antibody diluted at 1:500



Western blot analysis of lysates from 293 cells, using CDK10 Antibody. The lane on the right is blocked with the synthesized peptide.

Immunohistochemical analysis of paraffin-embedded human Colon 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).