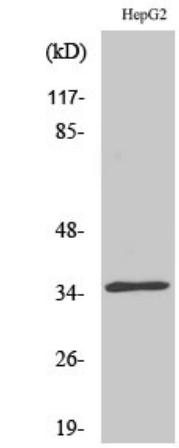
CdkL4 Polyclonal Antibody

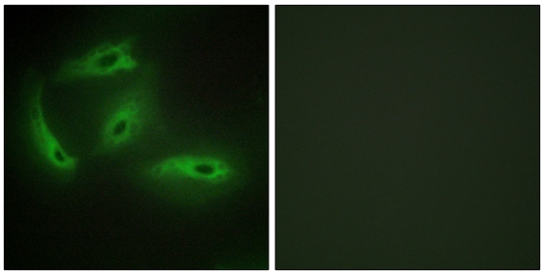
Catalog No	YP-Ab-16703
Isotype	IgG
Reactivity	Human;Rat;Mouse;
Applications	WB;IHC;IF;ELISA
Gene Name	CDKL4
Protein Name	Cyclin-dependent kinase-like 4
Immunogen	The antiserum was produced against synthesized peptide derived from human CDKL4. AA range:266-315
Specificity	CdkL4 Polyclonal Antibody detects endogenous levels of CdkL4 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	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. Immunofluorescence: 1/200 - 1/1000. ELISA: 1/40000. Not yet tested in other applications.
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	CDKL4; Cyclin-dependent kinase-like 4
Observed Band	36kD
Cell Pathway	Cytoplasm .
Tissue Specificity	
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.,
Background	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.,
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.

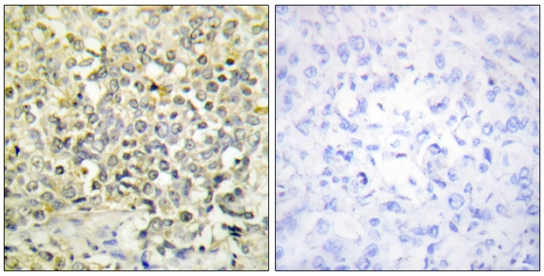
Products Images



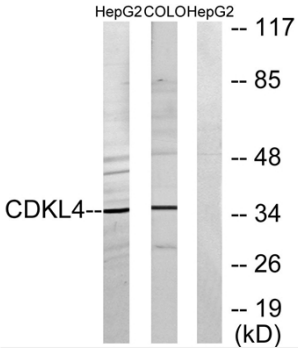
Western Blot analysis of various cells using CdkL4 Polyclonal Antibody diluted at 1:500



Immunofluorescence analysis of HeLa cells, using CDKL4 Antibody. The picture on the right is blocked with the synthesized peptide.



Immunohistochemistry analysis of paraffin-embedded human lung carcinoma tissue, using CDKL4 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HepG2 and COLO205 cells, using CDKL4 Antibody. The lane on the right is blocked with the synthesized peptide.