CLK3 Polyclonal Antibody

Catalog No	BYab-06731
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB;ELISA
Gene Name	CLK3
Protein Name	Dual specificity protein kinase CLK3 (EC 2.7.12.1) (CDC-like kinase 3)
Immunogen	Synthesized peptide derived from part region of human protein
Specificity	CLK3 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 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 1:500-2000 ELISA 1:5000-20000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	
Observed Band	70kD
Cell Pathway	[Isoform 1]: Nucleus. Cytoplasm . Cytoplasmic vesicle, secretory vesicle, acrosome .; [Isoform 2]: Nucleus speckle. Co-localizes with serine- and arginine-rich (SR) proteins in the nuclear speckles.
Tissue Specificity	Endothelial cells.
Function	catalytic activity:ATP + a protein = ADP + a phosphoprotein.,function:Phosphorylates serine- and arginine-rich (SR) proteins of the spliceosomal complex. May be a constituent of a network of regulatory mechanisms that enable SR proteins to control RNA splicing. Phosphorylates serines, threonines and tyrosines.,PTM:Autophosphorylates on all three types of residues.,similarity:Belongs to the protein kinase superfamily.,similarity:Belongs to the protein kinase superfamily. CMGC Ser/Thr protein kinase family. Lammer subfamily.,similarity:Contains 1 protein kinase domain.,
Background	CDC like kinase 3(CLK3) Homo sapiens This gene encodes a protein belonging to the serine/threonine type protein kinase family. This protein is a

	nuclear dual-specificity kinase that regulates the intranuclear distribution of the serine/arginine-rich (SR) family of splicing factors. Two transcript variants encoding different isoforms have been found for this gene. Related pseudogenes are located on chromosomes 1 and 9. [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.

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