

Cdc5L Polyclonal Antibody

Catalog No :	YT0815
Reactivity :	Human;Mouse;Rat
Applications :	IHC;IF;ELISA
Target :	Cdc5L
Fields :	>>Spliceosome
Gene Name :	CDC5L
Protein Name :	Cell division cycle 5-like protein
Human Gene Id :	988
Human Swiss Prot	099459
No:	71700
Mouse Gene Ia :	/1/02
Mouse Swiss Prot	Q6A068
Rat Gene Id :	85434
Rat Swiss Prot No :	O08837
Immunogen :	The antiserum was produced against synthesized peptide derived from human CDC5L. AA range:721-770
Specificity :	Cdc5L Polyclonal Antibody detects endogenous levels of Cdc5L protein.
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Polyclonal, Rabbit,IgG
Dilution :	IHC 1:100 - 1:300. ELISA: 1:5000 IF 1:50-200



Purification :	The antibody was affinity-purified from rabbit antiserum by affinity-
	chromatography using epitope-specific immunogen.
Concentration ·	1 ma/ml
ooncentration .	1 119/111
Storage Stability :	-15°C to -25°C/1 year(Do not lower than -25°C)
Molecularweight :	92kD
	Outline and an an
Cell Pathway :	Spliceosome;
Background :	The protein encoded by this gene shares a significant similarity with
-	Schizosaccharomyces pombe cdc5 gene product, which is a cell cycle regulator
	important for G2/M transition. This protein has been demonstrated to act as a
	positive regulator of cell cycle G2/M progression. It was also found to be an
	essential component of a non-snRNA spliceosome, which contains at least five
	additional protein factors and is required for the second catalytic step of pre-
	mRNA splicing. [provided by RefSeq, Jul 2008],
Eunction :	disease: A chromosomal aberration involving CDC5L is found in multicystic renal
runction.	dysplasia. Translocation t/6:10)(p21:q13.1) with USE2 function:DNA-binding
	protein involved in cell cycle control. May act as a transcription activator. Also
	seems to be involved in the second catalytic step of pre-mRNA
	splicing PTM Phosphorylated: which enhances interaction with
	PPP1R8 similarity: Belongs to the CEE1 family similarity: Contains 2 HTH myb-
	type DNA-binding domains, subcellular location: May shuttle between cytoplasm
	and nucleus, subunit: Homodimer, Interacts with DAPK3 (By similarity). Binds to
	DNA Binds to adeno-pre-mBNA in an ATP-stimulated manner. Belongs to the
	spliceosome complex. Part of a spliceosomal 'core' complex consisting of CDC5
	PLRG1_SPE27_CCAP1_CCAP3 and CCAP6_Interacts with PLRG1
	I odestar/TTF2 and NIPP1/PPP1R8 Identified in the soliceosome C complex at
	least composed
Subcellular	Nucleus . Nucleus speckle . Cytoplasm . May shuttle between cytoplasm and
Location :	nucleus
Expression :	Ubiquitously expressed in both fetal and adult tissues.

Products Images





Western blot analysis of CDC5L Antibody. The lane on the right is blocked with the CDC5L peptide.



Immunohistochemistryt analysis of paraffin-embedded human smooth muscle, using CDC5L Antibody. The lane on the right is blocked with the CDC5L peptide.



Western blot analysis of the lysates from HeLa cells using CDH8 antibody.