

Anti-Cdc5L antibody



Description	Rabbit polyclonal to Cdc5L.
Model	STJ92180
Host	Rabbit
Reactivity	Human, Mouse, Rat
Applications	ELISA, IHC
Immunogen	Synthesized peptide derived from human Cdc5L
Immunogen Region	690-770 aa, C-terminal
Gene ID	988
Gene Symbol	CDC5L
Dilution range	IHC 1:100-1:300ELISA 1:5000
Specificity	Cdc5L Polyclonal Antibody detects endogenous levels of Cdc5L protein.
Tissue Specificity	Ubiquitously expressed in both fetal and adult tissues.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	Cell division cycle 5-like protein Cdc5-like protein Pombe cdc5-related protein
Molecular Weight	92.251 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:1743OMIM:602868
Alternative Names	Cell division cycle 5-like protein Cdc5-like protein Pombe cdc5-related protein
Function	DNA-binding protein involved in cell cycle control. May act as a transcription activator. Component of the PRP19-CDC5L complex that forms an integral part of the spliceosome and is required for activating pre-mRNA splicing. The PRP19-CDC5L complex may also play a role in the response to DNA damage (DDR).
Cellular Localization	Nucleus Nucleus speckle Cytoplasm. May shuttle between cytoplasm and nucleus.
Post-translational Modifications	Phosphorylated on serine and threonine residues. Phosphorylation on Thr-411 and Thr-438 is required for CDC5L-mediated mRNA splicing. Has no effect on subcellular location nor on homodimerization. Phosphorylated in vitro by CDK2. Phosphorylation enhances interaction with PPP1R8.

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