

Cyclin L1 Polyclonal Antibody

Cat No: HR1AP3198

For research use only

Overview

Product Name	Cyclin L1 Polyclonal Antibody
Source	Rabbit
Applications	WB,IHC-p,ELISA
Species Reactivity	Human,Mouse,Rat
Recommended Dilutions	
Immunogen	
Species	
Storage	
Isotype	
Clonality	
Concentration	1 mg/ml
Observed band	60kDa
GeneID?Human?	CCNL1
Human Swiss-Prot No.	
Cellular localization	
Alternative Names	CCNL1; BM-001; Cyclin-L1; Cyclin-L
Background	alternative products:Ccnl1 is an immediate-early gene with independently regulated isoforms,domain:Contains a RS region (arginine-serine dipeptide repeat) within the C-terminal domain which is the hallmark of the SR family of splicing factors. This region probably plays a role in protein-protein interactions.,function:Transcriptional regulator which participates in regulating the pre-mRNA splicing process. Seems to be involved in the regulation of RNA polymerase II (pol II). Functions in association with cyclin-dependent kinases (CDKs) and has a role in the second step of splicing. May be a candidate proto-oncogene in head and neck squamous cell carcinomas (HNSCC). Inhibited by the CDK-specific inhibitor p21.,miscellaneous:CCNL1 is amplified in several HNSCC. May play a critical role in the formation of loco-regional metastases and an unfavorable clinical outcome of HNSCC.,sequence caution:Probable cloning artifact.,similarity:Belongs to the cyclin family. Cyclin L subfamily.,subcellular location:More specifically found in nuclear intrachromatin granules clusters (IGC), also called nuclear speckles, which are storage compartments for nuclear proteins involved in mRNA processing.,subunit:Interacts with POLR2A via its hyperphosphorylated C-terminal domain (CTD) (By similarity). Interacts with CDC2L1 or CDC2L2, and SFRS2.,tissue specificity:Ubiquitous with higher level in thymus. Overexpression in primary tumors of head and neck squamous cell carcinomas (HNSCC).,