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Cyclin L1 Antibody

Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP51055

Product Information

Application	WB, IHC-P
Primary Accession	Q9UK58
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59634

Additional Information

Gene ID	57018
Other Names	Cyclin-L1, Cyclin-L, CCNL1
Target/Specificity	KLH-conjugated synthetic peptide encompassing a sequence within the C-term region of human Cyclin L1. The exact sequence is proprietary.
Dilution	WB~~1:1000 IHC-P~~N/A
Format	0.01M PBS, pH 7.2, 0.09% (W/V) Sodium azide, Glycerol 50%
Storage	Store at -20 °C.Stable for 12 months from date of receipt

Protein Information

Name	CCNL1
Function	Involved in pre-mRNA splicing. Functions in association with cyclin-dependent kinases (CDKs) (PubMed:18216018). Inhibited by the CDK-specific inhibitor CDKN1A/p21 (PubMed:11980906). May play a role in the regulation of RNA polymerase II (pol II). May be a candidate proto-oncogene in head and neck squamous cell carcinomas (HNSCC) (PubMed:12414649, PubMed:15700036).
Cellular Location	Nucleus speckle. Nucleus, nucleoplasm. Note=Found in nuclear intrachromatin granules clusters (IGC), also called nuclear speckles, which are storage compartments for nuclear proteins involved in mRNA processing.
Tissue Location	Widely expressed. Overexpression in primary tumors of head and neck squamous cell carcinomas (HNSCC)

Background

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.

References

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Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
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