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Anti-Cyclin L1 Antibody

Catalog # AP51055

Product Information

Application	WB, IHC
Primary Accession	Q9UK58
Reactivity	Human, Mouse, Rat, Pig, Bovine, Dog
Host	Rabbit
Clonality	Polyclonal
Calculated MW	59634

Additional Information

Gene ID	57018
Other Names	Cyclin-L1; Cyclin-L
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~~WB (1/500 - 1/1000) IHC~~1:100~500
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

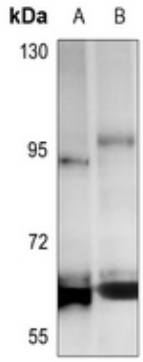
Protein Information

Name	CCNL1
Function	Regulatory component of the cyclin-L-CDK11 complex that regulates transcription and pre-mRNA splicing (PubMed:11980906, PubMed:18216018, PubMed:38059508). Inhibited by the CDK-specific inhibitor CDKN1A/p21 (PubMed:11980906). 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. {ECO:0000250|UniProtKB:Q9R1Q2}
Tissue Location	Widely expressed. Overexpression in primary tumors of head and neck squamous cell carcinomas (HNSCC)

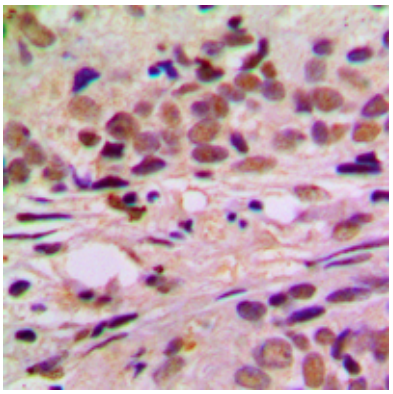
References

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Mural R.J.,et al.Submitted (SEP-2005) to the EMBL/GenBank/DDBJ databases.
Zhang Q.-H.,et al.Genome Res. 10:1546-1560(2000).
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Images



Western blot analysis of Cyclin L1 expression in CT26 (A), SHSY5Y (B) whole cell lysates. (Predicted band size: 59 kD; Observed band size: 60 kD)



Immunohistochemical analysis of Cyclin L1 staining in human breast cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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