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# Cyclin L1 Polyclonal Antibody

Catalog # AP69366

## Product Information

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

## Additional Information

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|---|---|
| **Gene ID** | 57018 |
| **Other Names** | CCNL1; BM-001; Cyclin-L1; Cyclin-L |
| **Dilution** | WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IHC-P~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/10000. Not yet tested in other applications. IF~~1:50~200 ICC~~N/A E~~N/A |
| **Format** | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide. |
| **Storage Conditions** | -20℃ |

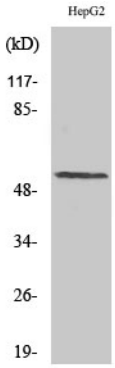
## Protein Information

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|---|---|
| **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) |

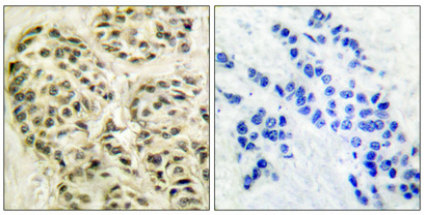
## Background

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).

## Images




Western Blot analysis of various cells using Cyclin L1 Polyclonal Antibody diluted at 1：1000 cells nucleus extracted by Minute TM Cytoplasmic and Nuclear Fractionation kit (SC-003,Inventbiotech,MN,USA).



Immunohistochemical analysis of paraffin-embedded Human breast cancer. Antibody was diluted at 1:100(4°,overnight). High-pressure and temperature Tris-EDTA,pH8.0 was used for antigen retrieval. Negetive contrl (right) obtaned from antibody was pre-absorbed by immunogen peptide.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.