abcam

Product datasheet

Anti-CCNL1 antibody ab53045

2 图像

概述

产品名称	Anti-CCNL1抗体
描述	兔多克隆抗体to CCNL1
宿主	Rabbit
特异性	ab53045 detects endogenous levels of total CCNL1 protein.
经测试应用	**适用于:** WB, IHC-P, ELISA
种属反应性	**与反应:** Human **预测可用于:** Mouse, Rat
免疫原	A synthetic peptide derived from human CCNL1.
阳性对照	Human breast carcinoma tissue and HepG2 cell extracts.

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.02% Sodium Azide Constituents: 50% Glycerol, PBS (without Mg^{2+} and Ca^{2+}), 150mM Sodium chloride, pH 7.4
纯度	Immunogen affinity purified
纯化说明	ab53045 was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
克隆	多克隆
同种型	IgG

应用

The Abpromise guarantee Abpromise™承诺保证使用ab53045于以下的经测试应用

"应用说明"部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明

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WB		1/500 - 1/1000. Detects a band of approximately 113 kDa (predicted molecular weight: 60 kDa).
IHC-P		Use at an assay dependent concentration.
ELISA		1/10000.

靶标

功能 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.

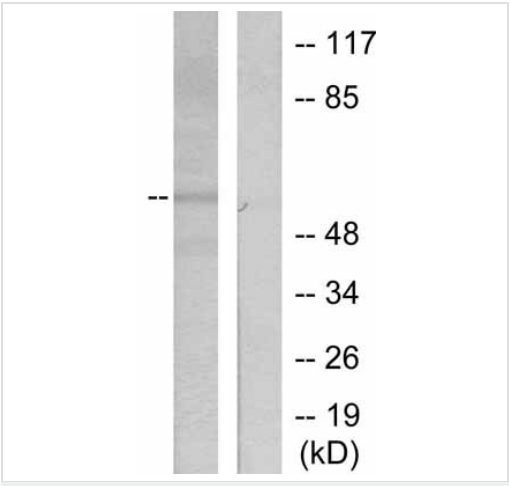
组织特异性 Ubiquitous with higher level in thymus. Overexpression in primary tumors of head and neck squamous cell carcinomas (HNSCC).

序列相似性 Belongs to the cyclin family. Cyclin L subfamily.

结构域 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.

细胞定位 Nucleus speckle. More specifically found in nuclear intrachromatin granules clusters (IGC), also called nuclear speckles, which are storage compartments for nuclear proteins involved in mRNA processing.

图片



Western blot - Anti-CCNL1 antibody (ab53045)

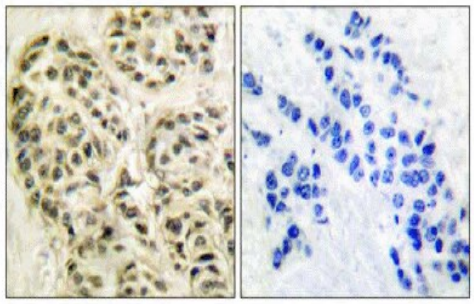
All lanes : Anti-CCNL1 antibody (ab53045) at 1/500 dilution

Lane 1 : HepG2 cell extract

Lane 2 : HepG2 cell extract with immunising peptide

Predicted band size: 60 kDa

Observed band size: 113 kDa



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CCNL1 antibody (ab53045)

ab53045 at 1/50-1/100 dilution staining PARP in human breast carcinoma by Immunohistochemistry, Paraffin embedded tissue in the absence or presence of the immunising peptide.

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