


Anti-CAST antibody ab92428

2 图像

概述	
产品名称	Anti-CAST抗体
描述	兔多克隆抗体to CAST
宿主	Rabbit
经测试应用	适用于: ICC/IF, IHC-P
种属反应性	与反应: Human 预测可用于: Chimpanzee, Gorilla 
免疫原	Synthetic peptide corresponding to Human CAST aa 400-500. Database link: O15446
常规说明	<p>The Life Science industry has been in the grips of a reproducibility crisis for a number of years. Abcam is leading the way in addressing this with our range of recombinant monoclonal antibodies and knockout edited cell lines for gold-standard validation. Please check that this product meets your needs before purchasing.</p> <p>If you have any questions, special requirements or concerns, please send us an inquiry and/or contact our Support team ahead of purchase. Recommended alternatives for this product can be found below, along with publications, customer reviews and Q&As</p>
性能	
形式	Liquid
存放说明	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
存储溶液	pH: 6.8 Preservative: 0.09% Sodium azide Constituents: Tris buffered saline, 0.1% BSA
纯度	Immunogen affinity purified
克隆	多克隆
同种型	IgG
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
ICC/IF		
IHC-P		

应用说明

ICC/IF: Use at an assay dependent dilution.

IHC-P: 1/100 - 1/1500.

Not yet tested in other applications.

Optimal dilutions/concentrations should be determined by the end user.

靶标

功能

DNA-dependent RNA polymerase catalyzes the transcription of DNA into RNA using the four ribonucleoside triphosphates as substrates. Component of RNA polymerase I which synthesizes ribosomal RNA precursors. Isoform 1 is involved in UBTF-activated transcription, presumably at a step following PIC formation.

Isoform 2 has been described as a component of preformed T-cell receptor (TCR) complex.

序列相似性

Belongs to the eukaryotic RPA34 RNA polymerase subunit family.

翻译后修饰

Isoform 2 undergoes tyrosine phosphorylation upon T-cell receptor (TCR) stimulation. This phosphorylation has not been confirmed by other group.

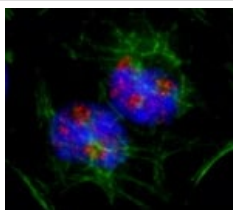
Isoform 1 is phosphorylated on tyrosine residues in initiation-competent Pol I-beta complexes but not in Pol I-alpha complexes.

Phosphorylated upon DNA damage, probably by ATM or ATR.

细胞定位

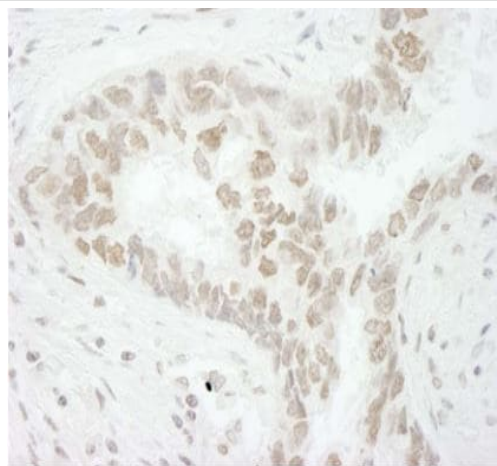
Nucleus > nucleolus. Chromosome. Found at the fibrillar centers of the nucleolus in interphase and during cell division it is localized to the nucleolus organizer regions of the chromosomes.

图片



Formaldehyde fixed asynchronous HeLa cells detected with ab92428 at 1/250 dilution

Immunocytochemistry/ Immunofluorescence - Anti-CAST antibody (ab92428)



Detection of human PAF49 by immunohistochemistry. *Sample:* FFPE section of human lung carcinoma. *Antibody:* Affinity purified rabbit anti-PAF49 used at 1/1,250 dilution. *Detection:* DAB

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-CAST antibody (ab92428)

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