

Anti-Nuclear Matrix Protein p84 antibody [3121C2a] ab54370

1 图像

概述

产品名称	Anti-Nuclear Matrix蛋白p84抗体[3121C2a]
描述	小鼠单克隆抗体[3121C2a] to核Matrix蛋白p84
宿主	Mouse
经测试应用	适用于: WB
种属反应性	与反应: Recombinant fragment
免疫原	Recombinant fragment: QYLKGQVKFK SSNYVLTDEQ SLWIEDTTKS VYQLLENPP DGERFSKMVE HILNTEENWN SWKNEGCPSF VKERTSDTKP TRIIRKRTAP EDFLGKGPTK , corresponding to internal sequence amino acids 330-437 of Human Nuclear Matrix Protein p84 Run BLAST with Expasy Run BLAST with NCBI

常规说明

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.

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

性能

形式	Liquid
存放说明	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
存储溶液	pH: 7.40 Preservative: 0.05% Sodium azide Constituents: 0.03% Potassium phosphate, 0.812% Sodium chloride, 0.1312% Sodium phosphate, 0.0225% Potassium chloride, 1% BSA, PBS
纯度	Protein G purified
纯化说明	ab54370 was purified using protein G column chromatography from culture supernatant of hybridoma cultured in a medium containing bovine IgG-depleted (approximately 95%) fetal bovine serum and filtered through a 0.22µm membrane.
克隆	单克隆

克隆编号	3121C2a
同种型	IgG2b

应用

The Abpromise guarantee **Abpromise™**承诺保证使用ab54370于以下的经测试应用

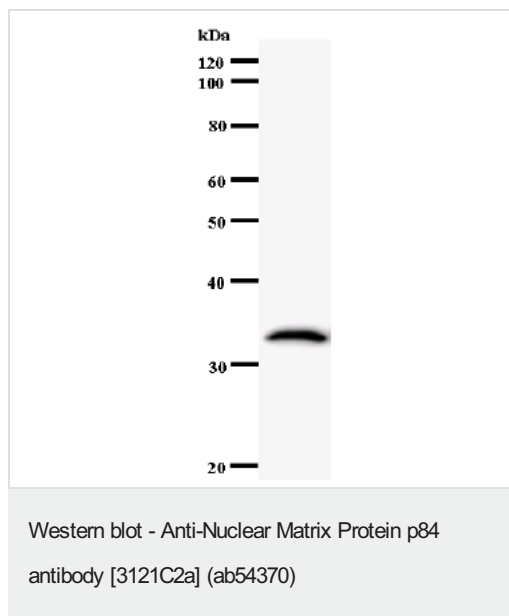
“应用说明”部分 下显示的仅为推荐的起始稀释度;实际最佳的稀释度/浓度应由使用者检定。

应用	Ab评论	说明
WB		Use at an assay dependent concentration. Predicted molecular weight: 76 kDa.

靶标

功能	<p>Component of the THO subcomplex of the TREX complex. The TREX complex specifically associates with spliced mRNA and not with unspliced pre-mRNA. It is recruited to spliced mRNAs by a transcription-independent mechanism. Binds to mRNA upstream of the exon-junction complex (EJC) and is recruited in a splicing- and cap-dependent manner to a region near the 5' end of the mRNA where it functions in mRNA export. The recruitment occurs via an interaction between THOC4 and the cap-binding protein NCBP1. DDX39B functions as a bridge between THOC4 and the THO complex. The TREX complex is essential for the export of Kaposi's sarcoma-associated herpesvirus (KSHV) intronless mRNAs and infectious virus production. The recruitment of the TREX complex to the intronless viral mRNA occurs via an interaction between KSHV ORF57 protein and THOC4.</p> <p>Regulates transcriptional elongation of a subset of genes. Participates in an apoptotic pathway which is characterized by activation of caspase-6, increases in the expression of BAK1 and BCL2L1 and activation of NF-kappa-B. This pathway does not require p53/TP53, nor does the presence of p53/TP53 affect the efficiency of cell killing. Activates a G2/M cell cycle checkpoint prior to the onset of apoptosis. Apoptosis is inhibited by association with RB1.</p>
组织特异性	Ubiquitous. Expressed in various cancer cell lines. Expressed at very low levels in normal breast epithelial cells and highly expressed in breast tumors. Expression is strongly associated with an aggressive phenotype of breast tumors and expression correlates with tumor size and the metastatic state of the tumor progression.
序列相似性	Contains 1 death domain.
结构域	An intact death domain is needed for apoptosis.
翻译后修饰	Expression is altered specifically during apoptosis and is accompanied by the appearance of novel forms with smaller apparent molecular mass.
细胞定位	Cytoplasm and Nucleus speckle. Nucleus > nucleoplasm. Nucleus matrix. Cytoplasm. Can shuttle between the nucleus and cytoplasm. Nuclear localization is required for induction of apoptotic cell death. Translocates to the cytoplasm during the early phase of apoptosis execution.
形式	Nuclear (Isoform 1) and Cytoplasmic (Isoform 1 and 2).

图片



Anti-Nuclear Matrix Protein p84 antibody [3121C2a] (ab54370) + immunising recombinant fragment

Predicted band size: 76 kDa

Observed band size: 34 kDa

The molecular weight of the band on the western blot does not correspond to the molecular weight of the natural protein because only a fragment of the protein was used.

Please note: All products are "FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC PROCEDURES"

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