





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

画像数 1

製品の概要

製品名	Anti-Nuclear Matrix Protein p84 antibody [3121C2a]
製品の詳細	Mouse monoclonal [3121C2a] to Nuclear Matrix Protein p84
由来種	Mouse
アプリケーション	適用あり: WB
種交差性	交差種: 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   Run BLAST with 

特記事項

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

製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Store at +4°C short term (1-2 weeks). Upon delivery aliquot. Store at -20°C long term.
バッファー	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
精製度	Protein G purified
特記事項 (精製)	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.
ポリ/モノ	モノクローナル

クローン名 3121C2a
アイソタイプ IgG2b

アプリケーション

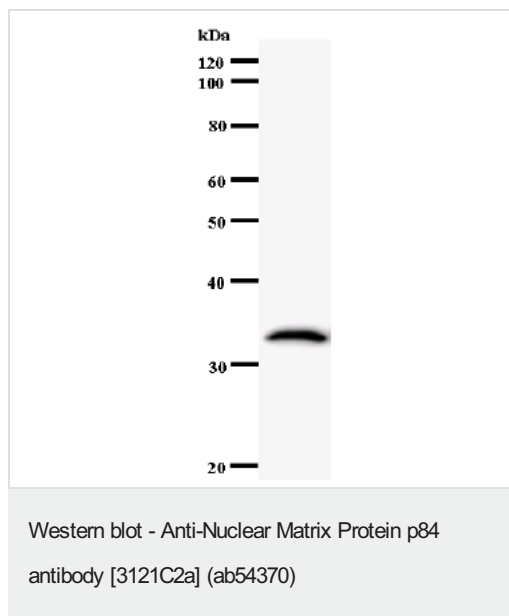
The Abpromise guarantee Abpromise保証は、次のテスト済みアプリケーションにおけるab54370の使用に適用されます
アプリケーションノートには、推奨の開始希釈率がありますが、適切な希釈率につきましてはご検討ください。

アプリケーション	Abreviews	特記事項
WB		Use at an assay dependent concentration. Predicted molecular weight: 76 kDa.

ターゲット情報

機能	<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>
組織特異性	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.
配列類似性	Contains 1 death domain.
ドメイン	An intact death domain is needed for apoptosis.
翻訳後修飾	Expression is altered specifically during apoptosis and is accompanied by the appearance of novel forms with smaller apparent molecular mass.
細胞内局在	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.
製品の状態	Nuclear (Isoform 1) and Cytoplasmic (Isoform 1 and 2).

画像



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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