abcam

Product datasheet

Anti-Rel B antibody ab71543

1 图像

概述

产品名称	Anti-Rel B抗体
描述	**兔多克隆抗体**to Rel B
宿主	Rabbit
经测试应用	**适用于:** WB
种属反应性	**与反应:** Mouse, Rat, Human
免疫原	Synthetic peptide corresponding to Rel B aa 563-579. Sequence: REAAFGGGLLSPGPEAT Database link: **Q01201** Run BLAST with Run BLAST with
阳性对照	HuT78, L929, C6 or NIH3T3 nuclear lysate
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 -20°C. Stable for 12 months at -20°C.
存储溶液	Preservative: 0.03% Sodium azide Constituents: 0.01% BSA, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride, HEPES
纯度	IgG fraction
克隆	**多克隆**
同种型	IgG

应用

The Abpromise guarantee **Abpromise™承诺保证使用ab71543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		1/2000. Detects a band of approximately 62 kDa (predicted molecular weight: 62 kDa).

靶标

功能 NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processed such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFKB1/p105, NFKB1/p50, REL and NFKB2/p52. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. NF-kappa-B complexes are held in the cytoplasm in an inactive state complexed with members of the NF-kappa-B inhibitor (I-kappa-B) family. In a conventional activation pathway, I-kappa-B is phosphorylated by I-kappa-B kinases (IKKs) in response to different activators, subsequently degraded thus liberating the active NF-kappa-B complex which translocates to the nucleus. NF-kappa-B heterodimeric RelB-p50 and RelB-p52 complexes are transcriptional activators. RELB neither associates with DNA nor with RELA/p65 or REL. Stimulates promoter activity in the presence of NFKB2/p49.

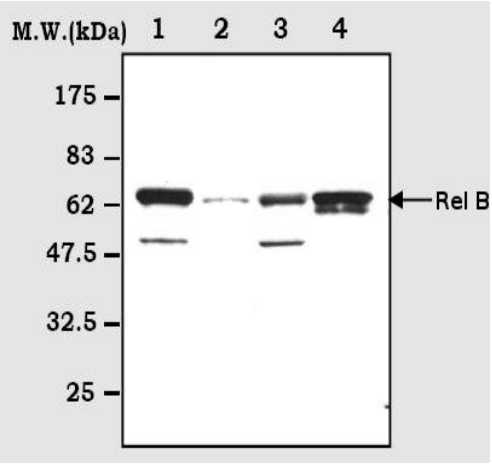
序列相似性 Contains 1 RHD (Rel-like) domain.

结构域 Both N- and C-terminal domains are required for transcriptional activation.

翻译后修饰 Phosphorylation at 'Thr-103' and 'Ser-573' is followed by proteasomal degradation.

细胞定位 Nucleus. Cytoplasm > cytoskeleton > centrosome. Co-localizes with NEK6 in the centrosome.

图片



Western blot - Anti-Rel B antibody (ab71543)

All lanes : Anti-Rel B antibody (ab71543) at 1/2000 dilution

Lane 1 : HuT78 cell lysate
Lane 2 : L929 cell lysate
Lane 3 : C6 cell lysate
Lane 4 : NIH3T3 cell lysate

Predicted band size: 62 kDa
Observed band size: 62 kDa

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

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