

Product datasheet

Anti-c-Rel (phospho S503) antibody ab30624

2 图像

概述

产品名称	Anti-c-Rel (phospho S503)抗体
描述	兔多克隆抗体 to c-Rel (phospho S503)
宿主	Rabbit
特异性	ab30624 recognises endogenous levels of c-Rel only when phosphorylated at Serine 503.
经测试应用	适用于: WB, IHC-P, ELISA
种属反应性	与反应: Human
免疫原	Synthetic phosphopeptide derived from human c-Rel around the phosphorylation site of Serine 503.
阳性对照	Breast carcinoma, MDA-MB-435 cells

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	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	The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
克隆	多克隆
同种型	IgG

应用

Our [Abpromise guarantee](#) covers the use of **ab30624** in the following tested applications.

The application notes include recommended starting dilutions; optimal dilutions/concentrations should be determined by the end user.

应用	Ab评论	说明
WB		1/500 - 1/1000. Predicted molecular weight: 69 kDa.

应用	Ab评论	说明
IHC-P		Use at an assay dependent concentration.
ELISA		1/1000.

靶标

功能

Proto-oncogene that may play a role in differentiation and lymphopoiesis. NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes 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. The NF-kappa-B heterodimer RELA/p65-c-Rel is a transcriptional activator.

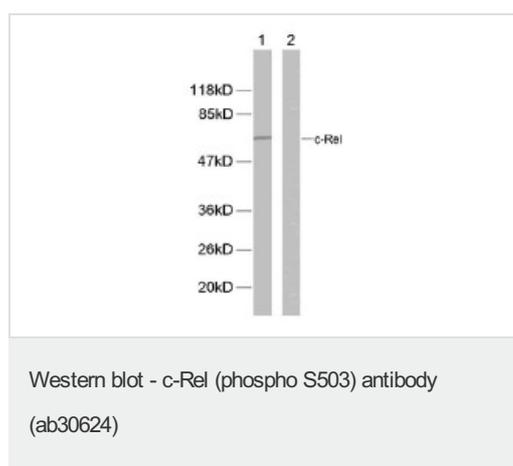
序列相似性

Contains 1 RHD (Rel-like) domain.

细胞定位

Nucleus.

图片



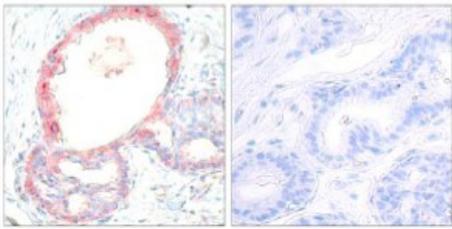
All lanes : Anti-c-Rel (phospho S503) antibody (ab30624) at 1/500 dilution

Lane 1 : extracts from MDA-MB-435 cells (5-30ug).

Lane 2 : extracts from MDA-MB-435 cells (5-30ug), preincubated with synthesized peptide (negative control).

Predicted band size: 69 kDa

Observed band size: 60 kDa



Immunohistochemical analysis of paraffin embedded breast carcinoma tissue sections, using 1/50 c-Rel (Phospho- Ser503) Antibody (ab30624). Left: untreated sample; Right: sample preincubated with synthesized phosphopeptide (negative control).

Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) - Anti-c-Rel (phospho S503) antibody (ab30624)

Please note: All products are "FOR RESEARCH USE ONLY AND ARE NOT INTENDED FOR DIAGNOSTIC OR THERAPEUTIC USE"

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