

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.

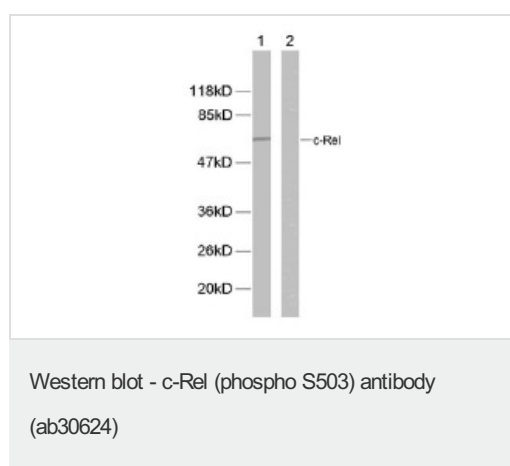
序列相似性

Contains 1 RHD (Rel-like) domain.

细胞定位

Nucleus.

图片



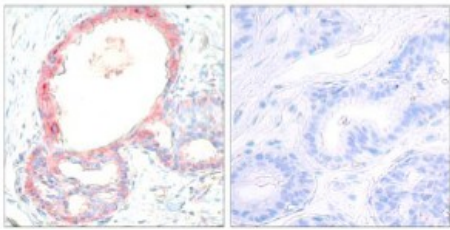
All lanes : Anti-c-Rel (phospho S503) antibody (ab30624) at 1/500 dilution

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



Immunohistochemistry (Paraffin-embedded sections)
- c-Rel (phospho S503) antibody (ab30624)

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).

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