

# Anti-c-Rel (phospho S503) antibody ab30624

**1** [References](#) **2** [画像数](#)

### 製品の概要

製品名	Anti-c-Rel (phospho S503) antibody
製品の詳細	Rabbit polyclonal to c-Rel (phospho S503)
由来種	Rabbit
アプリケーション	<b>適用あり:</b> WB, IHC-P
種交差性	<b>交差種:</b> Human
免疫原	Synthetic peptide corresponding to Human c-Rel (phospho S503).
ポジティブ・コントロール	Breast carcinoma, MDA-MB-435 cells
特記事項	<p>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.</p> <p>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&amp;As</p>

### 製品の特性

製品の状態	Liquid
保存方法	Shipped at 4°C. Upon delivery aliquot and store at -20°C. Avoid freeze / thaw cycles.
バッファー	<p>pH: 7.40</p> <p>Preservative: 0.02% Sodium azide</p> <p>Constituents: PBS, 50% Glycerol (glycerin, glycerine), 0.87% Sodium chloride</p> <p>Without Mg2+ and Ca2+</p>
精製度	Immunogen affinity purified
特記事項 (精製)	The antibody against non phosphopeptide was removed by chromatography using non phosphopeptide corresponding to the phosphorylation site.
ポリ/モノ	ポリクローナル
アイソタイプ	IgG

## 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ab30624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		1/500 - 1/1000. Predicted molecular weight: 69 kDa.
IHC-P		Use at an assay dependent concentration.

## ターゲット情報

### 機能

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.

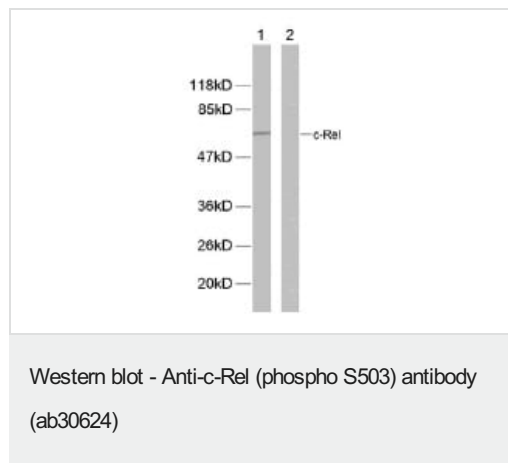
### 配列類似性

Contains 1 RHD (Rel-like) domain.

### 細胞内局在

Nucleus.

## 画像



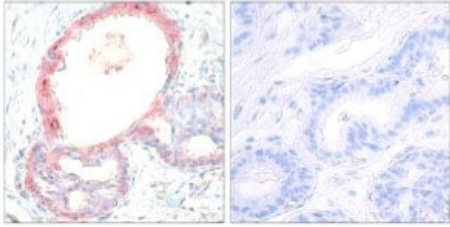
**All lanes :** Anti-c-Rel (phospho S503) antibody (ab30624) at 1/500 dilution

**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 (Formalin/PFA-fixed paraffin-embedded sections) - Anti-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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