



## Rabbit Anti-phospho-C-REL (Ser503) antibody

SL12918R

<b>Product Name:</b>	phospho-C-REL (Ser503)
<b>Chinese Name:</b>	磷酸化lymphocyte衍生C-型凝集素抗体
<b>Alias:</b>	c-Rel (phospho S503); c-Rel (phospho Ser503); p-c-Rel (phospho S503); p-c-Rel (S503); Avian reticuloendotheliosis; C REL; C Rel protein; c Rel proto oncogene protein; Oncogene REL; Oncogene REL avian reticuloendotheliosis; REL; v rel avian reticuloendotheliosis viral oncogene homolog; v rel reticuloendotheliosis viral oncogene homolog.
<b>文献引用</b> <b>PubMed</b> :	<p><b>Specific References(1)</b> SL12918R has been referenced in 1 publications.</p> <p><b>[IF=3.23]</b>Lee E-J, Lee SJ, Kim J-H, Kim K-J, Yang S-H, Jeong K-Y, et al. (2016) Radiation Inhibits Interleukin-12 Production via Inhibition of C-Rel through the Interleukin-6/ Signal Transducer and Activator of Transcription 3 Signaling Pathway in Dendritic Cells. PLoS ONE 11(1): e0146463.<b>WB;Mouse.</b></p> <p style="text-align: right;"><a href="#">PubMed:26745884</a></p>
<b>Organism Species:</b>	Rabbit
<b>Clonality:</b>	Polyclonal
<b>React Species:</b>	Human,
<b>Applications:</b>	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800IHC-F=1:400-800ICC=1:100-500IF=1:100-500 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight:</b>	69kDa
<b>Cellular localization:</b>	The nucleus
<b>Form:</b>	Lyophilized or Liquid
<b>Concentration:</b>	1mg/ml
<b>immunogen:</b>	KLH conjugated synthesised phosphopeptide derived from human C-REL around the phosphorylation site of Ser503:TS(p-S)DS

<b>Lsotype:</b>	IgG
<b>Purification:</b>	affinity purified by Protein A
<b>Storage Buffer:</b>	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
<b>Storage:</b>	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
<b>PubMed:</b>	<a href="#">PubMed</a>
<b>Product Detail:</b>	<p>The REL gene encodes c-Rel, a transcription factor that is a member of the Rel/NFKB family, which also includes RELA (MIM 164014), RELB (604758), NFKB1 (MIM 164011), and NFKB2 (MIM 164012). These proteins are related through a highly conserved N-terminal region termed the 'Rel domain,' which is responsible for DNA binding, dimerization, nuclear localization, and binding to the NFKB inhibitor (MIM 164008) (Belguise and Sonenshein, 2007 [PubMed 18037997]).[supplied by OMIM, May 2008].</p> <p><b>Function:</b> 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.</p> <p><b>Subunit:</b> Component of the NF-kappa-B p65-c-Rel complex. Component of the NF-kappa-B p50-c-Rel complex. Component of the NF-kappa-B p52-c-Rel complex. Homodimer; component of the NF-kappa-B c-Rel-c-Rel complex (By similarity). Interacts with NKIRAS1. Interacts with NFKBIB (By similarity). Interacts with NFKBIE.</p> <p><b>Subcellular Location:</b> Nucleus.</p> <p><b>Similarity:</b> Contains 1 RHD (Rel-like) domain.</p>

**SWISS:**  
Q04864

**Gene ID:**  
5966

**Database links:**

[Entrez Gene: 5966](#)Human

[Omim: 164910](#)Human

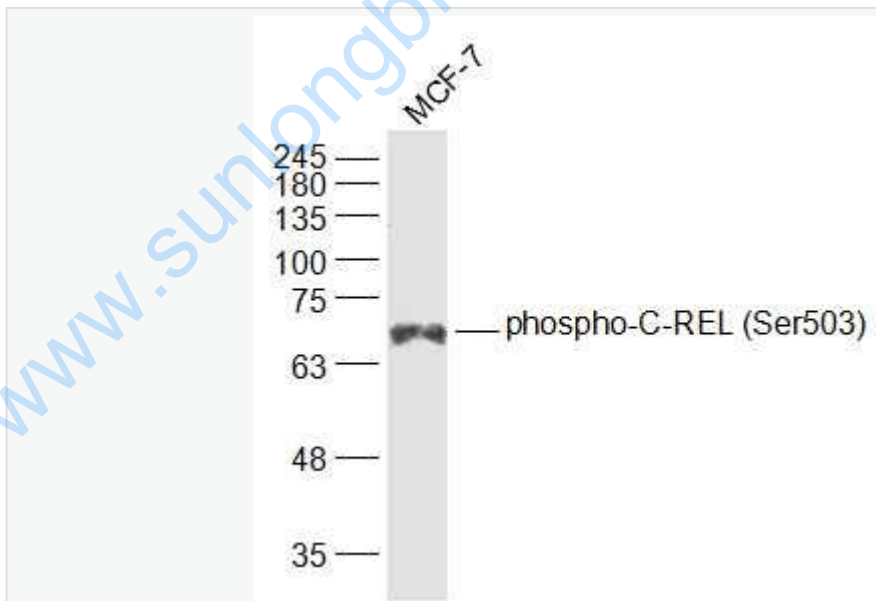
[SwissProt: Q04864](#)Human

[Unigene: 631886](#)Human

**Important Note:**

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

**Picture:**



**Sample:**

MCF-7(Human) Cell Lysate at 30 ug

Primary: Anti-phospho-C-REL (Ser503) (SL12918R) at 1/1000 dilution

Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution

	<p>Predicted band size: 69 kD</p>
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	<p>Observed band size: 69 kD</p>
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