

## Phospho-REL-S503

**Reactivity:** Human

**Tested applications:** IF

**Recommended Dilution:** IF 1:100 - 1:200

**Calculated MW:** 78kDa

**Observed MW:** Refer to Figures

**Immunogen:**

A phospho specific peptide corresponding to residues surrounding S503 of human REL

**Storage Buffer:**

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

**Concentration:**

kp

**Synonym:**

C-Rel;

**Catalog #:** AP0448

**Antibody Type:**

Polyclonal Antibody

**Species:** Rabbit

**Gene ID:** 5966

**Isotype:** IgG

**Swiss Prot:** Q04864

**Purity:** Affinity purification

For research use only.

**Background:**

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)

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