

Product Datasheet

Phospho-NF- kappaB p65 (Thr254) Antibody



Catalog No: CY6373

Reactivity: Human Mouse Rat

Isotype: Rabbit IgG

Applications: WB IHC IP

Information

UniProt ID: Q04206

All Names: NFKB3, Nuclear factor NF-kappa-B p65 subunit, RELA, TF65, Transcription factor p65, p65

Form: Liquid

Storage instructions: Store at +4°C short term. Store at -20°C long term. Avoid freeze / thaw cycle.

Storage buffer: pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.

Purity: Affinity-chromatography

Immunogen: A synthesized peptide derived from human NF- kappaB p65 around the phosphorylation site of Threonine 254

Molecular Wt.: 75 kDa

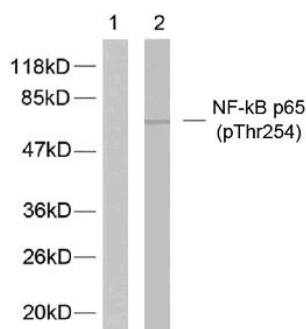
Application

WB: 1:500~1:2000

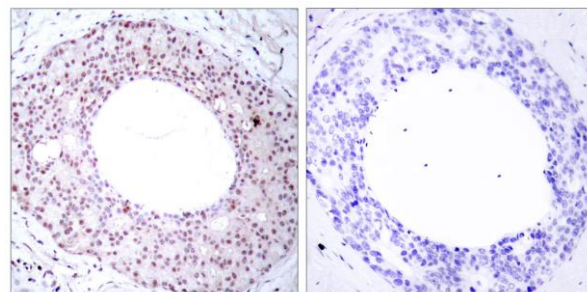
IHC 1:50-1:200

Background

NFKB1 (MIM 164011) or NFKB2 (MIM 164012) is bound to REL (MIM 164910), RELA, or RELB (MIM 604758) to form the NFKB complex. The p50 (NFKB1)/p65 (RELA) heterodimer is the most abundant form of NFKB. The NFKB complex is inhibited by I-kappa-B proteins (NFKBIA, MIM 164008 or NFKBIB, MIM 604495), which inactivate NFKB by trapping it in the cytoplasm.



Western blot analysis of NF- kappaB p65 phosphorylation expression in TNF- α treated 293 whole cell lysates. The lane on the left is treated with the antigen-specific peptide..



Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using NF-kB p65 (phospho-Thr254) antibody.

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