# Product datasheet for TA380847

## NF-kB p65 (RELA) Rabbit Polyclonal Antibody
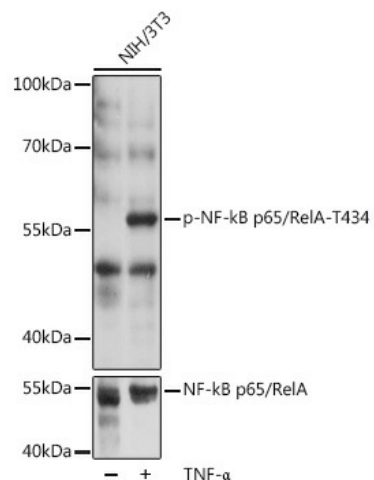
## Product data:

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|---|---|
| **Product Type:** | Primary Antibodies |
| **Applications:** | WB |
| **Recommended Dilution:** | WB,1:500 - 1:2000 |
| **Reactivity:** | Human, Mouse |
| **Modifications:** | Phospho T434 |
| **Host:** | Rabbit |
| **Isotype:** | IgG |
| **Clonality:** | Polyclonal |
| **Immunogen:** | A phospho specific peptide corresponding to residues surrounding T434 of human RelA. |
| **Formulation:** | Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3. |
| **Concentration:** | lot specific |
| **Purification:** | Affinity purification |
| **Conjugation:** | Unconjugated |
| **Storage:** | Store at -20℃. Avoid freeze / thaw cycles. |
| **Stability:** | Shelf life: one year from despatch. |
| **Predicted Protein Size:** | 58kDa/59kDa/60kDa |
| **Gene Name:** | RELA proto-oncogene, NF-kB subunit |
| **Database Link:** | Entrez Gene 5970 Human <br> Q04206 |
| **Background:** | NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene. |
| **Synonyms:** | MGC131774; NFKB3; p65 |

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## Product images:



Western blot analysis of extracts of NIH/3T3 cells, using Phospho-NF-kB p65/RelA-T434 pAb (TA380847) at 1:1000 dilution or RelA antibody (A16271).NIH/3T3 cells were treated by TNF-α (20 ng/mL) at 37℃ for 30 minutes.|Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution.|Lysates/proteins: 25ug per lane.|Blocking buffer: 3% BSA.|Detection: ECL Basic Kit .|Exposure time: 5min.