

## **Product datasheet for TA325717**

## **NFKB1 Rabbit Polyclonal Antibody**

## **Product data:**

**Product Type:** Primary Antibodies

Applications: WB

Recommended Dilution: WB: 1:500-1:2000; IHC: 1:50-1:200

Reactivity: Human

Modifications: Phospho-specific

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

**Immunogen:** The antiserum was produced against A synthesized peptide derived from human NF- kappaB

p105/p50 around the phosphorylation site of Serine 893

Formulation: Rabbit IgG in phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50%

glycerol.

**Concentration:** lot specific

**Purification:** The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using

epitope-specific peptide.

**Conjugation:** Unconjugated

Storage: Store at -20°C as received.

**Stability:** Stable for 12 months from date of receipt.

Predicted Protein Size: 105 kDa

**Gene Name:** nuclear factor kappa B subunit 1

Database Link: NP 001158884

Entrez Gene 4790 Human

P19838



**OriGene Technologies, Inc.** 9620 Medical Center Drive, Ste 200

CN: techsupport@origene.cn

Rockville, MD 20850, US Phone: +1-888-267-4436 https://www.origene.com techsupport@origene.com EU: info-de@origene.com



Background: NFkB-p105 a transcription factor of the nuclear factor-kappaB (NFkB) group. Undergoes

cotranslational processing by the 26S proteasome to produce a 50 kD protein. The 105 kD protein is a Rel protein-specific transcription inhibitor and the 50 kD protein is a DNA binding subunit of NFkB. NFkB is a transcription regulator that is activated by various intra- and extra-cellular stimuli such as cytokines, oxidant-free radicals, ultraviolet irradiation, and

bacterial or viral products.

Synonyms: CVID12; EBP-1; KBF1; NF-kappa-B; NF-kB1; NFkappaB; NFKB-p50; NFKB-p105; p50;

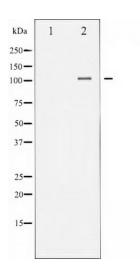
p105

**Protein Families:** Druggable Genome, Transcription Factors

**Protein Pathways:** Acute myeloid leukemia, Adipocytokine signaling pathway, Apoptosis, B cell receptor signaling

pathway, Chemokine signaling pathway, Chronic myeloid leukemia, Cytosolic DNA-sensing pathway, Epithelial cell signaling in Helicobacter pylori infection, MAPK signaling pathway, Metabolic pathways, Neurotrophin signaling pathway, NOD-like receptor signaling pathway, Pancreatic cancer, Pathways in cancer, Prostate cancer, RIG-I-like receptor signaling pathway, Small cell lung cancer, T cell receptor signaling pathway, Toll-like receptor signaling pathway

## **Product images:**



Western blot analysis of NF- kappaB p105/p50 phosphorylation expression in HeLa whole cell lysates, The lane on the left is treated with the antigen-specific peptide.