

## Product datasheet for **TA325716**

### **NFKB1 Rabbit Polyclonal Antibody**

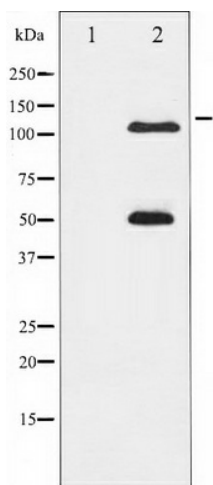
#### **Product data:**

<b>Product Type:</b>	Primary Antibodies
<b>Applications:</b>	WB
<b>Recommended Dilution:</b>	WB: 1:500-1:2000; IHC: 1:50-1:200
<b>Reactivity:</b>	Human, Mouse, Rat
<b>Modifications:</b>	Phospho-specific
<b>Host:</b>	Rabbit
<b>Isotype:</b>	IgG
<b>Clonality:</b>	Polyclonal
<b>Immunogen:</b>	The antiserum was produced against A synthesized peptide derived from human NF- kappaB p105/p50 around the phosphorylation site of Serine 337
<b>Formulation:</b>	Rabbit IgG in phosphate buffered saline , pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
<b>Concentration:</b>	lot specific
<b>Purification:</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific peptide.
<b>Conjugation:</b>	Unconjugated
<b>Storage:</b>	Store at -20°C as received.
<b>Stability:</b>	Stable for 12 months from date of receipt.
<b>Predicted Protein Size:</b>	105,50 kDa
<b>Gene Name:</b>	nuclear factor kappa B subunit 1
<b>Database Link:</b>	<a href="#">NP_001158884</a> <a href="#">Entrez Gene 18033 MouseEntrez Gene 81736 RatEntrez Gene 4790 Human P19838</a>



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- 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-kappaB; 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 MDA-MB-435 whole cell lysates. The lane on the left is treated with the antigen-specific peptide.