

## Anti-Phospho-NF-kappaB p65/RELA (T254) Antibody

Catalog Number: P00284-5

### About RELA

Transcription factor p65, also known as NFKB3 or NF- $\kappa$ B p65, is a protein that in humans is encoded by the RELA gene. It is mapped to 11q13.1. NFKB is an essential transcription factor complex involved in all types of cellular processes, including cellular metabolism, chemotaxis, etc, and it may play a role in inflammatory conditions of the peripheral nervous system. Phosphorylation and acetylation of NFKB3 are crucial post-translational modifications required for NFKB activation. It has also been shown to modulate immune responses, and activation of NFKB3 is positively associated with multiple types of cancer. In addition to that, NFKB3 antagonizes TNFR1-JNK proliferative signals in epidermis and plays a nonredundant role in restraining epidermal growth.

### Overview

Product Name	Anti-Phospho-NF-kappaB p65/RELA (T254) Antibody
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-Phospho-NF-kappaB p65/RELA (T254) Antibody catalog # P00284-5. Tested in WB, IHC, ICC, IF, IP applications. This antibody reacts with Human, Mouse, Rat.
Application	IP, IF, IHC, ICC, WB
Clonality	Polyclonal
Formulation	500 ug/ml antibody with PBS, 0.02% NaN <sub>3</sub> , 1 mg stabilizing protein and 50% glycerol This antibody is supplied in a stabilized formulation. Compatibility with conjugation reactions depends on the chemistry of the conjugation method used. For conjugation methods that are not compatible with the stabilizing components present in this formulation, a carrier-free antibody format is required.
Storage Instructions	12 months from date of receipt at -20°C as supplied. 6 months at 2 to 8°C after reconstitution. Avoid repeated freezing and thawing.
Host	Rabbit
Uniprot ID	Q04206

### Technical Details

Immunogen	A synthesized peptide derived from human NF- $\kappa$ B p65 around the phosphorylation site of Thr254.
Form	Liquid
Concentration	500 ug/ml
Purification	Protein A affinity purified.

**Suggested Dilutions**

Western blot, 1:500-2000  
Immunohistochemistry, 1:50-200  
Immunocytochemistry/Immunofluorescence, 1:50-200  
ImmunoPrecipitation, 1:250-300

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