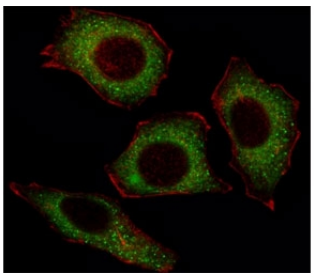
p65 Antibody (F46301)

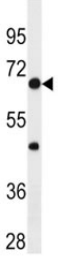
Catalog No.	Formulation	Size
F46301-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F46301-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

Availability	1-3 business days
Species Reactivity	Human
Predicted Reactivity	Mouse, Pig
Format	Antigen affinity purified
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity
UniProt	Q04206
Applications	Immunofluorescence : 1:10-1:50 Western Blot : 1:1000
Limitations	This p65 antibody is available for research use only.



Fluorescent image of U251 cell stained with p65 antibody at 1:25. Immunoreactivity is localized to the cytoplasm.



p65 antibody western blot analysis in HL-60 lysate

Description

NFKB1 or NFKB2 is bound to REL, RELA, or RELB 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 or NFKBIB), which inactivates NFKB by trapping it in the cytoplasm. Phosphorylation of serine residues on the I-kappa-B proteins by kinases (IKBKA or IKBKB) marks them for destruction via the ubiquitination pathway, thereby allowing activation of the NFKB complex. Activated NFKB complex translocates into the nucleus and binds DNA at kappa-B-binding motifs. [OMIM]

Application Notes

Titration of the p65 antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 517-539 from the human protein was used as the immunogen for this p65 antibody.

Storage

Aliquot the p65 antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.