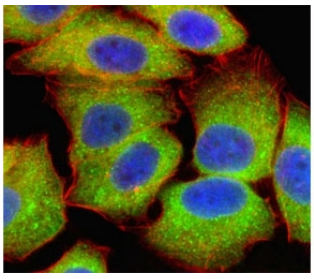
RELA Antibody (F47586)

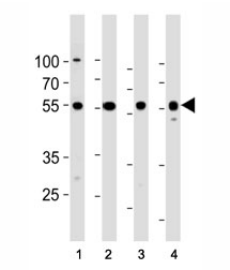
Catalog No.	Formulation	Size
F47586-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F47586-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

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



Fluorescent confocal image of U251 cell stained with RELA antibody at 1:25. RELA immunoreactivity is localized to the cytoplasm.



RELA antibody western blot analysis in (1) HeLa, (2) K562, (3) Raji and (4) Ramos 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 RELA antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 166-195 from the human protein was used as the immunogen for this RELA antibody.

Storage

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

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