

Anti-NF-KB p65 Rabbit pAb

Purified Rabbit Polyclonal Antibody

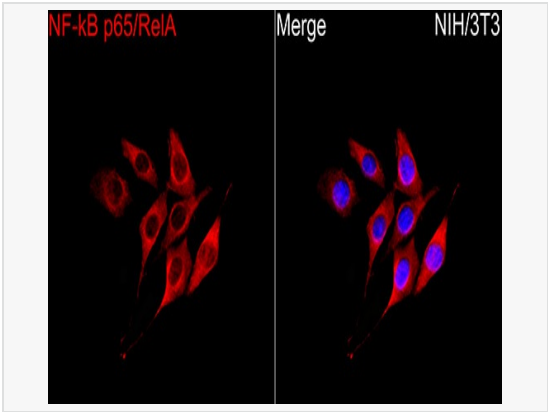
Catalog # P100712

Product Information

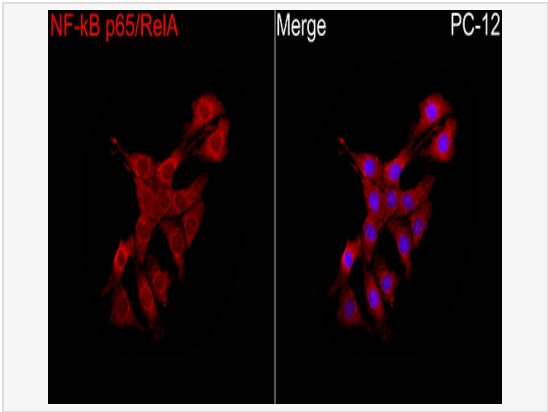
Application	WB, IP, IF (Cell)/ICC, ELISA
Reactivity	Human, Mouse, Rat
Dilution	WB 1:500~1:5000; IP 0.5μg-4μg antibody for 200μg-400μg extracts of whole cells; IF 1:50~1:200
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Label	Unconjugated
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 450-551 of human NF-kB p65/RelA (NP_068810.3).
Format	Affinity purified polyclonal antibody supplied in PBS with 0.02% sodium azide and 50% glycerol, pH 7.3.
Storage	Shipped on wet ice. Store at -20°C. Stable for 24 months from date of receipt. Aliquoting is unnecessary for -20°C storage.
Precautions	Anti-NF-KB p65 Rabbit pAb is for research use only and not for use in diagnostic or therapeutic procedures.

Protein Information

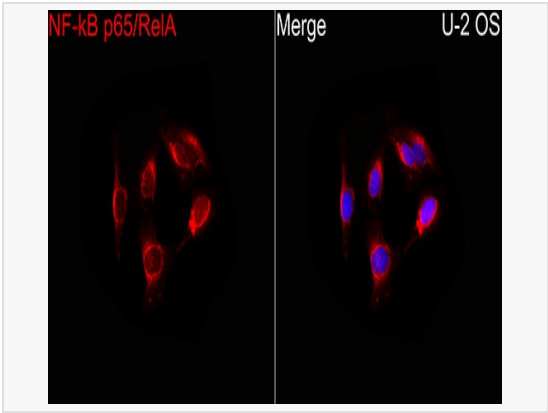
Synonyms	p65; CMCU; NFKB3; AIF3BL3; NF-kB p65/RelA.
Calculated MW	Calculated MW: 60 kDa; Observed MW: 65 kDa
Uniprot ID	Q04206
Gene ID	5970
Background	NF-kappa-B is a ubiquitous transcription factor involved in several biological processes. It is held in the cytoplasm in an inactive state by specific inhibitors. Upon degradation of the inhibitor, NF-kappa-B moves to the nucleus and activates transcription of specific genes. NF-kappa-B is composed of NFKB1 or NFKB2 bound to either REL, RELA, or RELB. The most abundant form of NF-kappa-B is NFKB1 complexed with the product of this gene, RELA. Four transcript variants encoding different isoforms have been found for this gene.



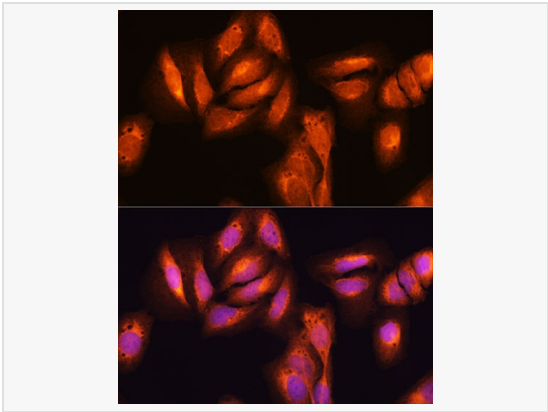
Immunofluorescence analysis of NIH/3T3 cells using NF-kB p65/RelA Rabbit pAb (P100712) at a dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



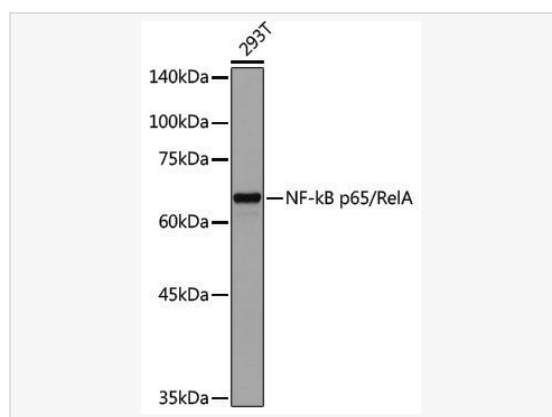
Immunofluorescence analysis of PC-12 cells using NF-kB p65/RelA Rabbit pAb (P100712) at a dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U-2 OS cells using NF-kB p65/RelA Rabbit pAb (P100712) at a dilution of 1:100 (40× lens). Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of U2OS cells using NF-kB p65/RelA Rabbit pAb (P100712) at dilution of 1:100. Blue: DAPI for nuclear staining.



Western blot analysis of lysates from 293T cells, using NF-kB p65/RelA Rabbit pAb (P100712) at 1:1,000 dilution.

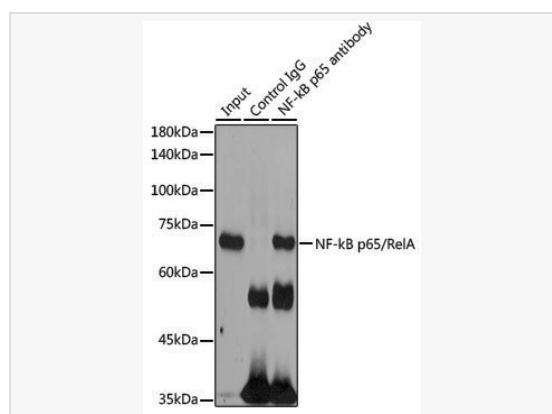
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (LF102) at 1:10,000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Kit.

Exposure time: 60s.



Immunoprecipitation analysis of 300 µg extracts of 293T cells using 3 µg NF-kB p65/RelA antibody (P100712). Western blot was performed from the immunoprecipitate using NF-kB p65/RelA antibody (P100712) at a dilution of 1:1000.