Catalog No. LF-PA0062

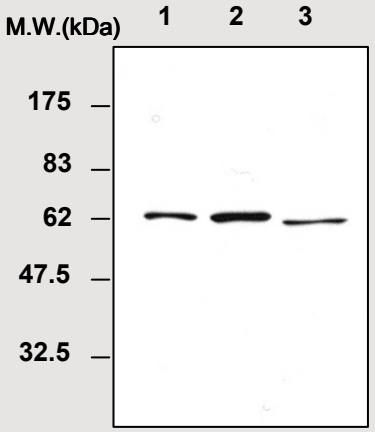
POLYCLONAL ANTIBODY

Anti-NF-κB Rel A
(Anti-Nuclear Factor- kappa B, p65)

Background : NF-κB (Nuclear Factor kappa B) is a nuclear transcription factor found in all cell types and is involved in cellular responses to stimuli such as stress, cytokines, free radicals, ultraviolet irradiation, and bacterial or viral antigens. NF-κB plays a key role in regulating the immune response to infection. Consistent with this role, incorrect regulation of NF-κB has been linked to cancer, inflammatory and autoimmune diseases, septic shock, viral infection and improper immune development. There are five members in the NF-κB family: NF-κB1, NF-κB2, RelA (also named p65), RelB, and c-Rel. RelA(p65) subunit of NF-κB is a crucial regulator of apoptosis. RelA subunit mediates resistance to programmed cell death induced by many stimuli, including TNF, chemotherapy agents and ionizing radiation, through inducing the expression of a wide variety of anti-apoptotic genes.

Species cross reactivity

Human	Mouse	Rat
+	NT	+



Immunoblot Analysis of cell lysates
Lane 1 : K562 cell lysate
Lane 2 : HeLa cell lysate
Lane 3 : H9c2 cell lysate

Immunogen : Synthetic peptide

Host : Rabbit

Type : Purified

Isotype : IgG

Size : 100 µℓ

Composition : PBS containing 50% glycerol

Positive control : K562 cell lysate

Storage : Store for 1 year at –20℃ from date of shipment

Applications :
Western blotting (1:2,000)

Background Reference :

1)Campbell KJ, Perkins ND. Cell Cycle. 2004; vol.3(7): pp.869-72.
2)Perkins ND. Trends Cell Biol. 2004; vol.14(2): pp.64-9.

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