

Rabbit NF-kB p65 (pS276) Polyclonal Antibody | anti-NF-kB p65 antibody

Rabbit anti NF-kB p65 (pS276) Polyclonal Antibody

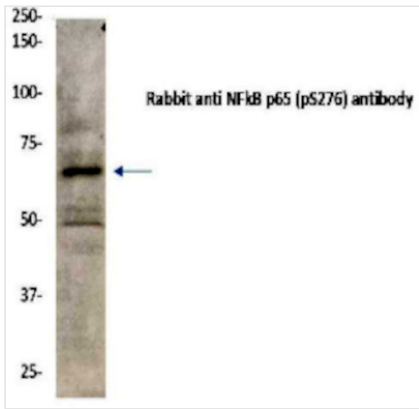
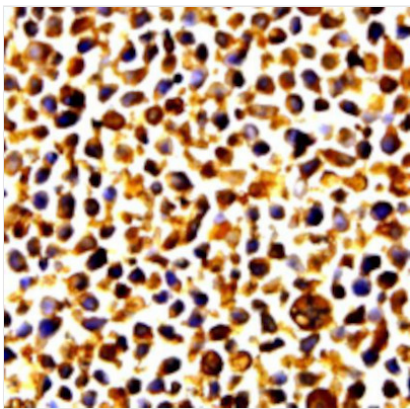
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA71303	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunoprecipitation, ELISA

PRODUCT SYNONYMS

NF-kB p65 (pS276); Polyclonal Antibody; Rabbit anti NF-kB p65 (pS276) Polyclonal Antibody; nuclear factor kappa B subunit p65; NFkB; anti-NF-kB p65 antibody

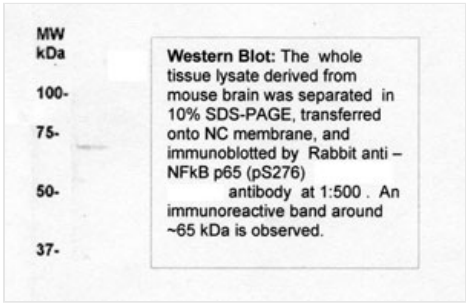
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	This antibody recognizes NFkB p65 with the phosphorylation site Ser276. It does not cross-react with non-phosphospecific peptide.
Purity/Purification	Purified by site-modified Epitope Affinity Purification.
Form/Format	Supplied in sterile Tris-buffered saline (pH7.2) containing antibody stabilizer.
Applicable Applications for anti-NF-kB p65 antibody	WB (Western Blot), IHC (Immunohistochemistry), IP (Immunoprecipitation), ELISA
Antigen Preparation	A synthetic peptide corresponding to the epitope containing a phosphorylation site Ser 276 of human NFkB/p65 protein. This sequence is identical within human and mouse.
Positive Control	Kidney Tissue
Cellular Location	Cell Membrane
Preparation and Storage	The antibodies are stable for 12 months from date of receipt when stored at -20°C to -70°C. The antibodies can be stored at 2-8°C for three months without detectable loss of activity. Avoid repeated freezeing-thawing cycles.



IHC (Immunohistochemistry)
Immunohistochemistry: The whole cell pallet Hela (FFPE) stained with Rabbit anti-NFkBp65(pS276) (Cat# AAA71303) at 1:200 for 10 min @ RT. Staining of formalin-fixed tissue requires boiling tissue section in 10 mM Citrate Buffer, pH 6.0 for 10 min followed by cooling at RT for 20 min.

WB (Western Blot)
Western Blot: The whole lysate derived from Hela (20ug/lane) immunoblotted by Rabbit anti – NFkBp65(pS276) (Cat# AAA71303) at 1:500. Observed a major immunoreactive band at molecular weight ~65kDa.



WB (Western Blot)

ADDITIONAL INFORMATION

Related Product Information for anti-NF-kB p65 antibody	NFkB is a heterodimer that consists of a 50 kDa DNA binding subunit (p50/NFkB1)) and a 65 kDa transactivation subunit (p65/RelA). Both of these subunits exhibit sequence homology to the proto-oncogene c-Rel. The p50 has an isoform called p49/p52, and both proteins are derived from the amino-terminal of precursor protein p105 and p100. The p50/p65 heterodimer remains in the cytosol in an inactive form as a complex with its inhibitor, IkB. Upon stimulation of cells by a wide variety of stimuli such as lipopolysaccharide (LPS), pro-inflammatory cytokines (IL-1 & TNF, etc.), and viral infection, IkB is phosphorylated and degraded by proteosome. The active NFkB heterodimer is translocated into the nucleus and induces gene expression. The inhibition of p53 activity is dependent upon phosphorylation of p65 (RelA) at S536 by the upstream kinase IKK beta.
References	Simon Morton, et al. A reinvestigation of the multisite phosphorylation of the transcription factor c-Jun. EMBO J. 2003 August 1; 22 (15): 3876 -3886.

NCBI AND UNIPROT INFORMATION

NCBI GeneID	5970
Molecular Weight	65kDa

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.