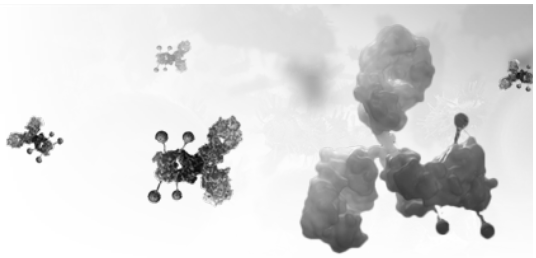

Rabbit anti-Human Nuclear Factor NF-Kappa-B P65 Subunit Polyclonal antibody (DPAB2627RH)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit polyclonal to human nuclear factor NF-kappa-B p65 subunit.
Antigen Description	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.
Immunogen	Synthetic peptide.
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Conjugate	Unconjugated
Applications	WB
Positive Control	K562 cells
Format	HEPES with 0.15M NaCl, 0.01% BSA, 0.03% sodium azide, and 50% glycerol.

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Size	100 µl
Preservative	0.03% Sodium Azide
Storage	Store for 1 year at -20 °C from date of shipment.

GENE INFORMATION

Gene Name	RELA v-rel reticuloendotheliosis viral oncogene homolog A (avian) [Homo sapiens]
Synonyms	RELA; v-rel reticuloendotheliosis viral oncogene homolog A (avian); nuclear factor NF-kappa-B p65 subunit; nuclear factor of kappa light polypeptide gene enhancer in B-cells 3; transcription factor p65; v-rel avian reticuloendotheliosis viral oncogene homolog A (nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 (p65)); v-rel reticuloendotheliosis viral oncogene homolog A, nuclear factor of kappa light polypeptide gene enhancer in B-cells 3, p65; p65; NFKB3; MGC131774
Entrez Gene ID	5970
Protein Refseq	NP_001138610
UniProt ID	Q04206
Chromosome Location	11q13
Pathway	Acute myeloid leukemia; Adipocytokine signaling pathway; B cell receptor signaling pathway; Chemokine signaling pathway; Epithelial cell signaling in Helicobacter pylori infection; Leishmania infection; NOD-like receptor signaling pathway; Pancreatic cancer; RIG-I-like receptor signaling pathway; Small cell lung cancer; T cell receptor signaling pathway; Toll-like receptor signaling pathway; Signalling by NGF
Function	DNA binding; NF-kappaB binding; transcription factor activity; activating transcription factor binding; ankyrin repeat binding; chromatin binding; identical protein binding; phosphate ion binding; protein N-terminus binding; protein binding; protein kinase binding; repressing transcription factor binding; sequence-specific DNA binding; sequence-specific DNA binding transcription factor activity; sequence-specific distal enhancer binding RNA polymerase II transcription factor activity; transcription regulatory region DNA binding; ubiquitin protein ligase binding

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