

Rabbit NF-kB p65 Polyclonal Antibody | anti-RELA antibody

Anti-NF-kB p65 antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA45068	Rabbit	Human, Mouse, Rat	Immunocytochemistry, Immunohistochemistry, Western Blot

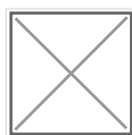
PRODUCT SYNONYMS

NF-kB p65; Polyclonal Antibody; Anti-NF-kB p65 antibody; Transcription factor p65; v-rel reticuloendotheliosis viral oncogene homolog A(avian); Avian reticuloendotheliosis viral(v rel) oncogene homolog A antibody; MGC131774 antibody; NF kappa B p65delta3 antibody; NFKB 3 antibody; NFKB3 antibody; Nuclear Factor NF Kappa B p65 Subunit antibody; Nuclear factor NF-kappa-B p65 subunit antibody; Nuclear factor of kappa light polypeptide gene enhancer in B cells 3 antibody; Nuclear Factor Of Kappa Light Polypeptide Gene Enhancer In B Cells antibody; Nuclear factor of kappa light polypeptide gene enhancer in B-cells 3 antibody; OTTHUMP00000233473 antibody; OTTHUMP00000233474 antibody; OTTHUMP00000233475 antibody; OTTHUMP00000233476 antibody; OTTHUMP00000233900 antibody; p65 antibody; p65 NF kappaB antibody; p65 NFkB antibody; RELA antibody; TF65_HUMAN antibody; Transcription Factor p65 antibody; v rel avian reticuloendotheliosis viral oncogene homolog A(nuclear factor of kappa light polypeptide gene enhancer in B cells 3(p65)) antibody; V Rel Avian Reticuloendotheliosis Viral Oncogene Homolog A antibody; v rel reticuloendotheliosis viral oncogene homolog A(avian) antibody; V rel reticuloendotheliosis viral oncogene homolog A; nuclear factor of kappa light polypeptide gene enhancer in B cells 3; v-rel reticuloendotheliosis viral oncogene homolog A antibody; anti-RELA antibody

PRODUCT SPECIFICATIONS

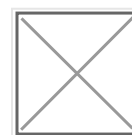
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	551
Applicable Applications for anti-RELA antibody	ICC (Immunocytochemistry), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of human NF-kB p65 (143-158aa VPIEEQRGDYDLNAVR), identical to the related rat and mouse sequences.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



IHC (Immunohistochemistry)

Anti-NF-kB p65 antibody, AAA45068, IHC(P)IHC(P): Human Mammary Cancer Tissue



WB (Western Blot)

Anti-NF-kB p65 antibody, AAA45068, Western blottingLane 1: Rat Testis Tissue LysateLane 2: HELA Cell LysateLane 3: A431 Cell LysateLane 4: JURKAT Cell Lysate

ADDITIONAL INFORMATION

Related Product Information for anti-RELA antibody	Description: Rabbit IgG polyclonal antibody for Transcription factor p65(RELA) detection. Tested with WB, IHC-P, ICC in Human, Mouse, Rat. Background: RELA(V-REL AVIAN RETICULOENDOTHELIOSIS VIRAL ONCOGENE HOMOLOG A), also called NFKB3 or NFKB, p65 SUBUNIT. NFKB1 or NFKB2 is bound to REL, RELA, or RELB to form the NFKB complex. The NFKB complex is inhibited by I-kappa-B proteins, which inactivate NFKB by trapping it in the cytoplasm. The p65(RELA) heterodimer is the most abundant form of NFKB. And the RELA gene is located on 11q13.1. RELA is a nonhistone substrate of HDAC3 and that IKBA-dependent nuclear export of the HDAC3-deacetylated RELA replenishes the depleted cytoplasmic pool of latent NFKB-IKBA complexes for subsequent NFKB responses. RELA nucleocytoplasmic redistribution coincided with export of PPARG, and immunoprecipitation analysis indicated that PPARG-RELA association was dependent on the PPARG C-terminal ligand-binding domain. IKK-dependent phosphorylation of RELA on ser468 enhanced binding of GCN5 to RELA and RELA ubiquitination.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	62906901
NCBI GeneID	5970
UniProt Accession #	Q04206; Q6GTV1; Q6SLK1
Molecular Weight	59,910 Da
NCBI Official Full Name	Transcription factor p65
NCBI Official Synonym Full Names	v-rel avian reticuloendotheliosis viral oncogene homolog A
NCBI Official Symbol	RELA
NCBI Official Synonym Symbols	p65; NFKB3
NCBI Protein Information	transcription factor p65; NF-kappa-B p65delta3; nuclear factor NF-kappa-B p65 subunit; v-rel reticuloendotheliosis viral oncogene homolog A; nuclear factor of kappa light polypeptide gene enhancer in B-cells 3
UniProt Protein Name	Transcription factor p65
UniProt Gene Name	RELA
UniProt Synonym Gene Names	NFKB3
UniProt Entry Name	TF65_HUMAN

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.