

Rabbit anti-Human NF-kB p65/RelA-S536 Monoclonal Antibody | anti-RELA antibody

Phospho-NF-kB p65/RelA-S536 Rabbit mAb

CATALOG # AAA283135	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

NF-kB p65/RelA-S536; Monoclonal Antibody; Phospho-NF-kB p65/RelA-S536 Rabbit mAb; p65; CMCU; NFKB3; AIF3BL3; Phospho-NF-kB p65/RelA-S536; anti-RELA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Monoclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.09% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.
Sequence	FSSIA
Applicable Applications for anti-RELA antibody	ELISA, WB (Western Blot)
Cross Reactivity	Human, Mouse, Rat
Immunogen	A synthetic phosphorylated peptide around S536 of human Phospho-NF-kB p65/RelA-S536 (NP_068810.3).
Modification	Phospho S536
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from C6 cells using Phospho-NF-kB p65/RelA-S536 Rabbit mAb (AAA283135) at 1:19000 dilution incubated at room temperature for 1.5 hours. C6 cells were treated by Calyculin A (100 nM) at 37° for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.



WB (Western Blot)

Western blot analysis of lysates from HeLa cells using Phospho-NF-kB p65/RelA-S536 Rabbit mAb (AAA283135) at 1:19000 dilution incubated at room temperature for 1.5 hours. HeLa cells were treated by TNF-α (20 ng/ml) and Calyculin A (100 nM) at 37° for 30 minutes after serum-starvation overnight. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 30 ug per lane. Blocking buffer: 3 % nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 30s.

**WB (Western Blot)**

Western blot analysis of lysates from NIH/3T3 cells using Phospho-NF-kB p65/RelA-S536 Rabbit mAb (AAA283135) at 1:1000 dilution incubated overnight at 4?. NIH/3T3 cells were treated by TNF-? (20 ng/ml) at 37? for 30 minutes after serum-starvation overnight.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 30 ug per lane.Blocking buffer: 3 % nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 180s.

**WB (Western Blot)**

Western blot analysis of various lysates, using Phospho-NF-kB p65/RelA-S536 Rabbit mAb (AAA283135) at1:1000 dilution (upper) or [KO Validated] NF-kB p65/RelA Rabbit mAb (A22331) at1:50000 dilution (lower) incubated overnight at 4?. HeLa cells were treated by Calyculin A (100 nM) at 37? for 30 minutes after serum-starvation overnight.C6 cells were treated by TNF-? (20 ng/ml) and Calyculin A (50 nM) at 37? for 30 minutes after serum-starvation overnight.Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.Lysates/proteins: 30 ug per lane.Blocking buffer: 3% nonfat dry milk in TBST.Detection: ECL Basic Kit (RM00020).Exposure time: 10s.

ADDITIONAL INFORMATION

Related Product Information for anti-RELA antibody	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.
Product Categories/Family for anti-RELA antibody	Epigenetics Nuclear Signaling; Transcription Factors; Protein phosphorylation; Cancer; Signal Transduction; Cell Biology Developmental Biology; Apoptosis; Inhibition of Apoptosis; Death Receptor Signaling Pathway; Endocrine Metabolism; Endocrine and metab

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468681
NCBI GeneID	5970
NCBI Accession #	NP_001138610.1
NCBI GenBank Nucleotide #	NM_001145138.1
UniProt Accession #	Q04206; Q6GTV1; Q6SLK1
Molecular Weight	Calculated MW: 60kDa Observed MW: 65kDa/
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.

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Online datasheet: <https://stage.aaabiotech.com/monoclonal/nf-kb-p65-rela-s536-antibody-western-blot-elisa/283135>