

NFkappaB-p65 Antibody | anti-RELA antibody

NFkappaB-p65 (Phospho-Ser529) Antibody

CATALOG # AAA110998	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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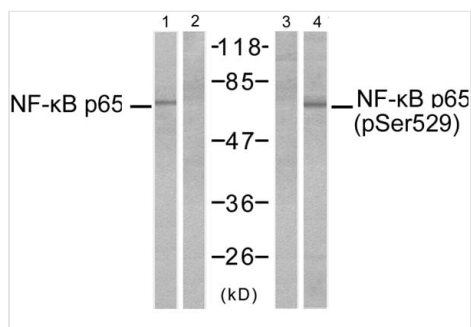
PRODUCT SYNONYMS

NFkappaB-p65; NFkappaB-p65 (Phospho-Ser529) Antibody; NF-KB p65; NFKB3; Nuclear factor NF-kappa-B p65 subunit; RELA; TF65; Transcription factor p65; p65; anti-RELA antibody

PRODUCT SPECIFICATIONS

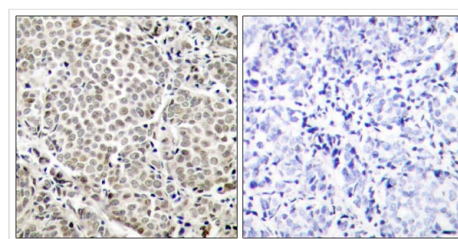
Reactivity	Human, Mouse, Rat
Specificity	NF-kappaB p65 (phospho-Ser529) antibody detects endogenous levels of NF-kappaB p65 protein only when phosphorylated at serine 529.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	548
Applicable Applications for anti-RELA antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human NF-kappaB p65 around the phosphorylation site of serine 529 (L-L-SP-G-D).
All Sites	Human: Ser529 Mouse: Ser529 Rat: Ser529
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extracts from MDA-MB-231 cells, untreated or treated with TNF-alpha (20ng/ml, 10min) using NF-kappaB p65 (Ab-529) antibody and NF-kappaB p65 (phospho-Ser529) antibody.



IHC (Immunohistochemistry)

P-Peptide+ Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue, using NF-kappaB p65 (Phospho-Ser529) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-RELA antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
References	Xu C, et al (2005) Oncogene:24(28): 4486-95. McNulty SE, et al. (2004) Pigment Cell Res Apr; 17(2): 173-80. Madrid LV, et al. (2001) J Biol Chem: 276(22): 18934-40. Wang D, et al. (2000) J Biol Chem: 275(42): 32592-7.

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	59,910 Da
NCBI Official Full Name	transcription factor p65 isoform 2
NCBI Official Synonym Full Names	RELA proto-oncogene, NF-kB subunit
NCBI Official Symbol	RELA
NCBI Official Synonym Symbols	p65; NFKB3
NCBI Protein Information	transcription factor p65
UniProt Protein Name	Transcription factor p65
UniProt Gene Name	RELA
UniProt Synonym Gene Names	NFKB3

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/human-mouse-rat-antibody/nfkappab-p65/110998>