

Rabbit NFkB Polyclonal Antibody | anti-NFkB antibody

Rabbit Anti NFkB p65 (pSer276)

CATALOG # AAA50320	HOST Rabbit	REACTIVITY Human, Rat Predicted: Mouse	APPLICATIONS Western Blot, Immunohistochemistry
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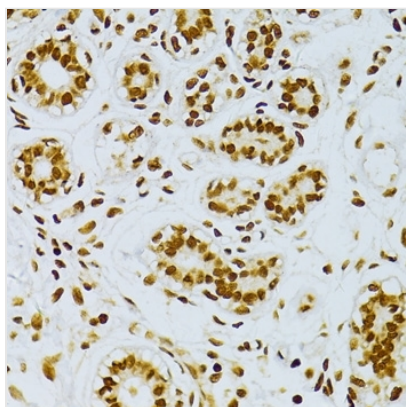
PRODUCT SYNONYMS

NFkB; Polyclonal Antibody; Rabbit Anti NFkB p65 (pSer276); NFkB p65 (pSer276) antibody; anti-NFkB antibody

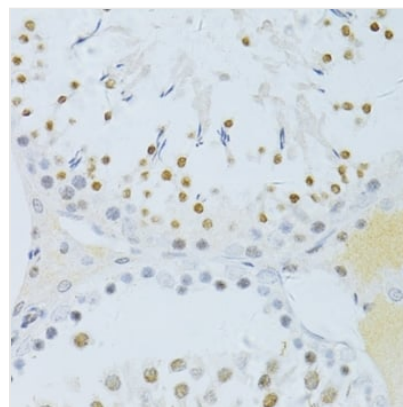
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Rat Predicted: Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Purified IgG was prepared from whole serum by affinity chromatography.
Form/Format	Liquid; Phosphate Buffered Saline
Sequence Length	548
Applicable Applications for anti-NFkB antibody	WB (Western Blot), IHC (Immunohistochemistry)
Immunogen	Phospho specific-peptide corresponding to residues surrounding serine 276 of human NFkB p65
Preservative Stabilizers	0.02% Sodium Azide 50% Glycerol
Preparation and Storage	Store at -20 degree C. Storage in frost-free freezers is not recommended. This product should be stored undiluted. Avoid repeated freezing and thawing as this may denature the antibody. Should this product contain a precipitate we recommend microcentrifugation before use.

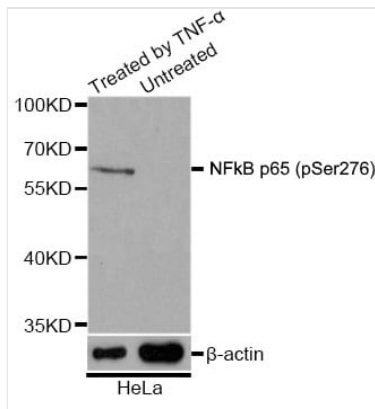
IMAGES


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast cancer tissue using Rabbit anti NFkB p65 (pSer276) antibody at a dilution of 1/100


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using Rabbit anti NFkB p65 (pSer276) antibody at a dilution of 1/100



WB (Western Blot)

Western blot analysis of extracts from HeLa cells untreated or treated with TNF-alpha using Rabbit anti NFκB p65 (pSer276) antibody. Cells were treated with TNF-alpha (20ng/ml) for 30 minutes. 3% BSA was used for blocking

ADDITIONAL INFORMATION

Related Product Information for anti-NFκB antibody

Rabbit anti NFκB p65 (pSer276) antibody recognizes nuclear factor NF-kappa-B p65 subunit (NFκB3 p65) also known as transcription factor p65 or RELA, when phosphorylated at serine 276. NFκB p65 is part of the NFκB transcription factor complex that also includes RELB, NFκB1 p105, NFκB1 p50, REL and NFκB2 p52. NFκB p65 regulates expression of a wide variety of genes involved in immune and inflammatory responses (May, M.J. & Ghosh, S. 1997). Protein kinase A (PKA) phosphorylates NFκB p65 on serine 276 and modulates transcriptional activity of NFκB by mediating its interaction with CBP/p300 (Zhong, H. et al. 1998). Serine 276 has also been demonstrated to be phosphorylated by mitogen- and stress- activated protein kinase-1 (MSK1) (Vermeulen, L. et al. 2003). The NFκB pathway plays a critical role in orchestrating immune responses after infection and has been implicated in a variety of diseases ranging from autoimmune disorders to cancer.

NCBI AND UNIPROT INFORMATION

NCBI GI #	223468681
NCBI GeneID	5970
NCBI Accession #	NP_001138610.1
NCBI GenBank Nucleotide #	NM_001145138.1
UniProt Accession #	Q04206
NCBI Official Full Name	transcription factor p65 isoform 2
NCBI Official Synonym Full Names	RELA proto-oncogene, NF-κB subunit
NCBI Official Symbol	RELA
NCBI Official Synonym Symbols	p65; CMCU; NFκB3
NCBI Protein Information	transcription factor p65
UniProt Protein Name	Transcription factor p65
UniProt Gene Name	RELA
UniProt Synonym Gene Names	NFκB3
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.