

Rabbit RELA-S536 Antibody | anti-RELA antibody

Phospho-RELA-S536 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA37345	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

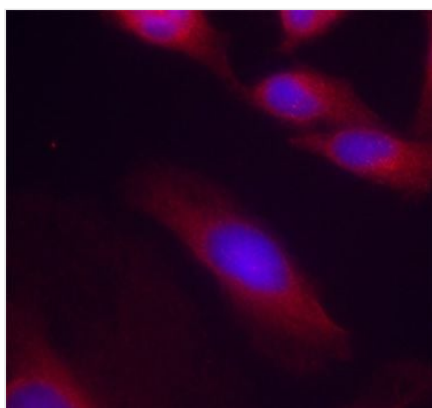
PRODUCT SYNONYMS

RELA-S536; Phospho-RELA-S536 Polyclonal Antibody; Phospho-RELA-S536: p65; NFkB3; anti-RELA antibody

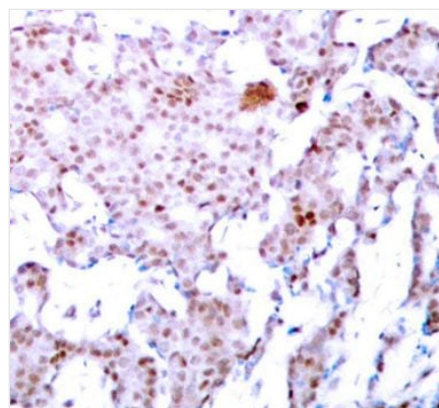
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Isotype	IgG
Purity/Purification	Affinity Purification
Concentration	1mg/ml (varies by lot)
Sequence Length	551
Applicable Applications for anti-RELA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Species	Human
Route	Synthetic Peptide
Immunogen	A phospho specific peptide corresponding to residues surrounding S536 of human RELA
Calculated Molecular Weight	65kDa
Preparation and Storage	Store at -20 degree C (regular) or -80 degree C (long term). Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

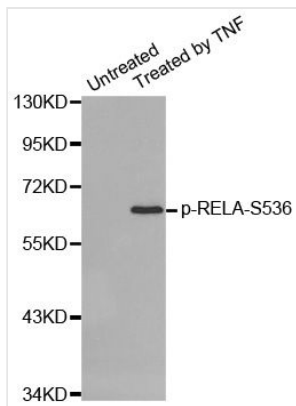
IMAGES


IF (Immunofluorescence)

Immunofluorescence staining of methanol-fixed HeLa cells using Phospho-RELA-S536 antibody.


IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human breast carcinoma using Phospho-RELA-S536 antibody.



WB (Western Blot)

Western blot analysis of extracts from HepG2 cells using Phospho-RELA-S536 antibody. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. Lysates/proteins: 25ug per lane. Blocking buffer: 3% BSA.

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	Phosphorylation

NCBI AND UNIPROT INFORMATION

NCBI GI #	62906901
NCBI GeneID	5970
UniProt Accession #	Q04206; Q6GTV1; Q6SLK1
Molecular Weight	551
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.

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 Online datasheet: <https://stage.aaabiotech.com/rabbit-human-mouse-rat-antibody/rela-s536/37345>