

Rabbit RelB Polyclonal Antibody | anti-RelB antibody

RelB (Phospho-Ser573) Antibody

CATALOG # AAA300972	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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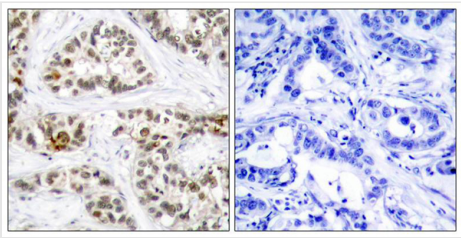
PRODUCT SYNONYMS

RelB; Polyclonal Antibody; RelB (Phospho-Ser573) Antibody; I-Rel; anti-RelB antibody

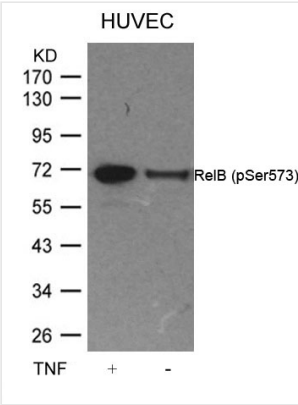
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Specificity	The antibody detects endogenous level of RelB only when phosphorylated at serine 573.
Purity/Purification	Antibodies were produced by immunizing rabbits with synthetic phosphopeptide and KLH conjugates. Antibodies were purified by affinity-chromatography using epitope-specific phosphopeptide. Non-phospho specific antibodies were removed by chromatography using
Form/Format	Supplied at 1.0mg/mL in phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1.0 mg/ml (varies by lot)
Sequence Length	579
Applicable Applications for anti-RelB antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen Type	Peptide-KLH
Immunogen Description	Peptide sequence around phosphorylation site of serine 573 (L-L-S(p)-P-G) derived from Human RelB.
Modification	Phospho-Ser573
Target Name	RelB
Preparation and Storage	Store at -20 degree C for long term preservation (recommended). Store at 4 degree C for short term use.

IMAGES



IHC (Immunohiostchemistry)
Immunohistochemical analysis of paraffin-embedded human breast carcinoma tissue using RelB(Phospho-Ser573) Antibody (left) or the same antibody preincubated with blocking peptide(right).



WB (Western Blot)
Western blot analysis of extracts from HUVEC cells untreated or treated with TNF using RelB(Phospho-Ser573) Antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RelB antibody	NF-kappa-B is a pleiotropic transcription factor which is present in almost all cell types and is involved in many biological processes such as inflammation, immunity, differentiation, cell growth, tumorigenesis and apoptosis. NF-kappa-B is a homo- or heterodimeric complex formed by the Rel-like domain-containing proteins RELA/p65, RELB, NFkB1/p105, NFkB1/p50, REL and NFkB2/p52. The dimers bind at kappa-B sites in the DNA of their target genes and the individual dimers have distinct preferences for different kappa-B sites that they can bind with distinguishable affinity and specificity. Different dimer combinations act as transcriptional activators or repressors, respectively. NF-kappa-B is controlled by various mechanisms of post-translational modification and subcellular compartmentalization as well as by interactions with other cofactors or corepressors. NF-kappa-B complexes are held in the cytoplasm in an inactive state complexed with members of the NF-kappa-B inhibitor (I-kappa-B) family. In a conventional activation pathway, I-kappa-B is phosphorylated by I-kappa-B kinases (IKKs) in response to different activators, subsequently degraded thus liberating the active NF-kappa-B complex which translocates to the nucleus. NF-kappa-B heterodimeric RelB-p50 and RelB-p52 complexes are transcriptional activators. RELB neither associates with DNA nor with RELA/p65 or REL. Stimulates promoter activity in the presence of NFkB2/p49.
Product Categories/Family for anti-RelB antibody	Phospho-specific Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	35493878
NCBI GeneID	5971
NCBI Accession #	NP_006500.2
NCBI GenBank Nucleotide #	NM_006509.3
UniProt Accession #	Q01201; Q6GTX7; Q9UEI7
Molecular Weight	62,134 Da
NCBI Official Full Name	transcription factor RelB
NCBI Official Synonym Full Names	v-rel avian reticuloendotheliosis viral oncogene homolog B
NCBI Official Symbol	RELB
NCBI Official Synonym Symbols	IREL; I-REL; REL-B
NCBI Protein Information	transcription factor RelB
UniProt Protein Name	Transcription factor RelB
UniProt Gene Name	RELB

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/polyclonal/releb-antibody-immunohistochemistry-western-blot-elisa/300972>