



RelB (phospho Ser552) Polyclonal Antibody

Catalog No	YP-Ab-01376
Isotype	IgG
Reactivity	Human;Mouse
Applications	WB;IHC;IF;ELISA
Gene Name	RELB
Protein Name	Transcription factor RelB
Immunogen	The antiserum was produced against synthesized peptide derived from human RelB around the phosphorylation site of Ser552. AA range:530-579
Specificity	Phospho-RelB (S552) Polyclonal Antibody detects endogenous levels of RelB protein only when phosphorylated at S552.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Polyclonal, Rabbit,IgG
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB: 1/500 - 1/2000. IHC: 1/100 - 1/300. ELISA: 1/20000.. IF 1:50-200
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	RELB; Transcription factor RelB; I-Rel
Observed Band	62kD
Cell Pathway	Nucleus . Cytoplasm, cytoskeleton, microtubule organizing center, centrosome . Colocalizes with NEK6 in the centrosome.
Tissue Specificity	Blood,T-cell,
Function	caution:Was originally (PubMed:1577270) thought to inhibit the transcriptional activity of nuclear factor NF-kappa-B.,domain:Both N- and C-terminal domains are required for transcriptional activation.,function: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-k
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matters needing attention

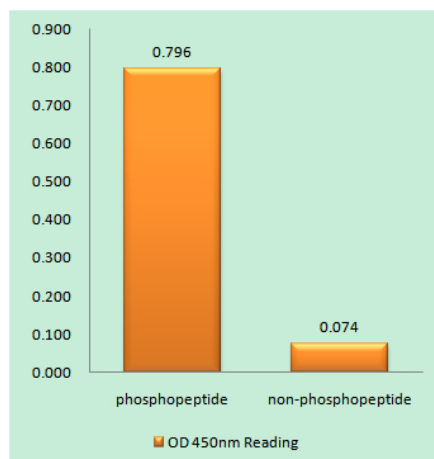
Avoid repeated freezing and thawing!

Usage suggestions

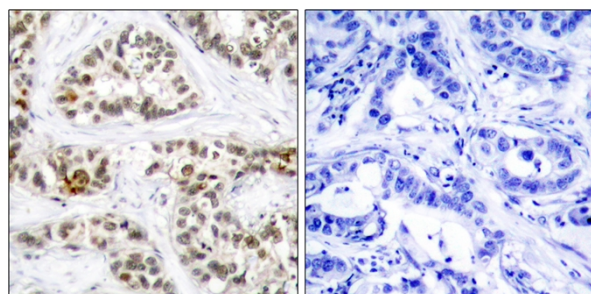
This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.



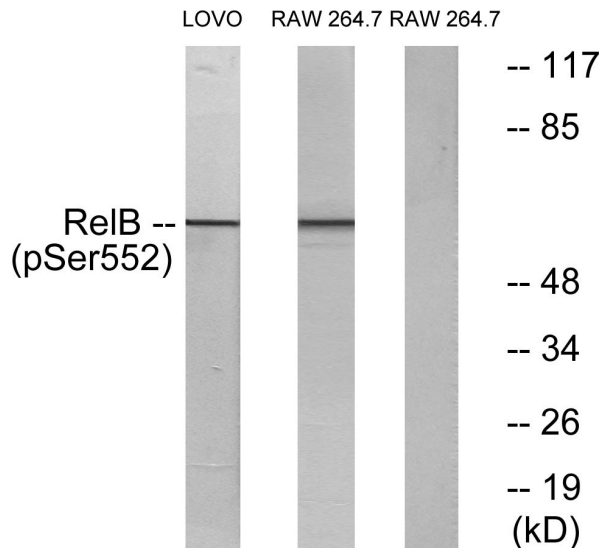
Products Images



Enzyme-Linked Immunosorbent Assay
(Phospho-ELISA) for Immunogen Phosphopeptide
(Phospho-left) and Non-Phosphopeptide
(Phospho-right), using RelB (Phospho-Ser552)
Antibody



Immunohistochemistry analysis of paraffin-embedded
human breast carcinoma, using RelB
(Phospho-Ser552) Antibody. The picture on the right is
blocked with the phospho peptide.



Western blot analysis of lysates from LOVO cells and
RAW264.7 cells, using RelB (Phospho-Ser552)
Antibody. The lane on the right is blocked with the
phospho peptide.