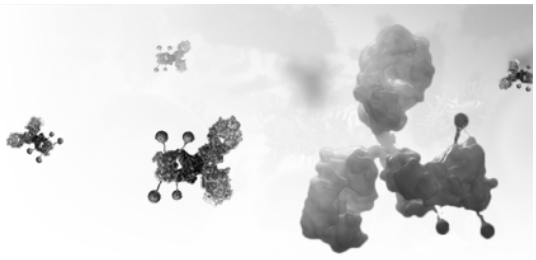

Human RELA blocking peptide (CDBP2035)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	NF - kB p65 (C - term) peptide (human)
Antigen Description	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. [provided by RefSeq, Sep 2011]
Species	Human
Conjugate	Unconjugated
Applications	BL
Format	Liquid
Concentration	0.2 mg/ml
Size	100 µg
Buffer	PBS with 100ug BSA 0.1% sodium azide
Preservative	0.1% Sodium Azide
Storage	Keep as concentrated solution, aliquot and store at 4°C.

GENE INFORMATION

Gene Name	RELA v-rel avian reticuloendotheliosis viral oncogene homolog A [Homo sapiens (human)]

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221

Official Symbol	RELA
Synonyms	RELA; v-rel avian reticuloendotheliosis viral oncogene homolog A; p65; NFKB3; 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;
Entrez Gene ID	5970
mRNA Refseq	NM_001145138.1
Protein Refseq	NP_001138610.1
UniProt ID	Q04206
Chromosome Location	11q13
Pathway	AGE/RAGE pathway, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Acute myeloid leukemia, organism-specific biosystem; Acute myeloid leukemia, conserved biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Amoebiasis, organism-specific biosystem; Amoebiasis, conserved bi
Function	DNA binding; NF-kappaB binding; RNA polymerase II distal enhancer sequence-specific DNA binding transcription factor activity; activating transcription factor binding; ankyrin repeat binding; chromatin binding; identical protein binding; identical protein

45-1 Ramsey Road, Shirley, NY 11967, USA
Email: info@creative-diagnostics.com
Tel: 1-631-624-4882 Fax: 1-631-938-8221