



Human NFKBIA blocking peptide (CDBP1564)

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

PRODUCT INFORMATION

Product Overview	IkBa (C - term) peptide (human)
Antigen Description	This gene encodes a member of the NF-kappa-B inhibitor family, which contain multiple ankrin repeat domains. The encoded protein interacts with REL dimers to inhibit NF-kappa-B/REL complexes which are involved in inflammatory responses. The encoded protein moves between the cytoplasm and the nucleus via a nuclear localization signal and CRM1-mediated nuclear export. Mutations in this gene have been found in ectodermal dysplasia anhidrotic with T-cell immunodeficiency autosomal dominant disease. [provided by RefSeq, Aug 2011]
Species	Human
Conjugate	Unconjugated
Applications	BL, Inhib
Format	Liquid
Concentration	1 mg/ml
Size	50 µg
Buffer	Preservative: 0.01% Sodium Azide; Constituents: 0.15M Sodium Chloride, 0.02M Potassium Phosphate. pH 7.2
Preservative	0.01% Sodium Azide
Storage	Keep as concentrated solution. Store at 4°C short term. For extended storage aliquot and store at -20°C or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	NFKBIA nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha [Homo sapiens (human)]
Official Symbol	NFKBIA
Synonyms	NFKBIA; nuclear factor of kappa light polypeptide gene enhancer in B-cells inhibitor, alpha; IKBA; MAD-3; NFKBI; NF-kappa-B inhibitor alpha; ikB-alpha; IkappaBalpha; I-kappa-B-alpha; nuclear factor of kappa light chain gene enhancer in B-cells; major histocompatibility complex enhancer-binding protein MAD3;
Entrez Gene ID	4792
mRNA Refseq	NM_020529.2
Protein Refseq	NP_065390.1
UniProt ID	P25963
Chromosome Location	14q13
Pathway	AGE/RAGE pathway, organism-specific biosystem; Activated TLR4 signalling, organism-specific biosystem; Activation of NF-kappaB in B Cells, organism-specific biosystem; Adaptive Immune System, organism-specific biosystem; Adipocytokine signaling pathway, organism-specific biosystem; Adipocytokine signaling pathway, conserved biosystem; Apoptosis, organism-specific biosystem; Apoptosis, organism-specific biosystem; Apoptosis, conserved biosystem; Apoptosis Modulation and Signaling, organism-specif
Function	NF-kappaB binding; NF-kappaB binding; enzyme binding; heat shock protein binding; identical protein binding; nuclear localization sequence binding; protein binding; protein complex binding; transcription factor binding; ubiquitin protein ligase binding;