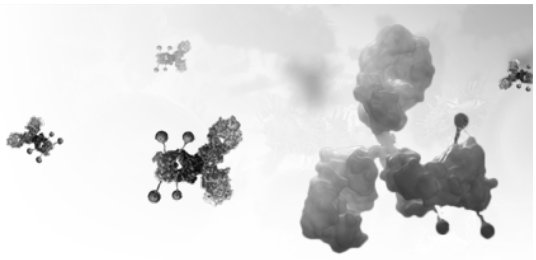

Human CHUK blocking peptide (CDBP1566)

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

PRODUCT INFORMATION

Product Overview	IKKa (C - term) peptide (human)
Antigen Description	This gene encodes a member of the serine/threonine protein kinase family. The encoded protein, a component of a cytokine-activated protein complex that is an inhibitor of the essential transcription factor NF-kappa-B complex, phosphorylates sites that trigger the degradation of the inhibitor via the ubiquination pathway, thereby activating the transcription factor. [provided by RefSeq, Jul 2008]
Species	Human
Conjugate	Unconjugated
Applications	BL
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℃ short term. For extended storage aliquot and store at -20℃ or below. Avoid freeze-thaw cycles.

GENE INFORMATION

Gene Name	CHUK conserved helix-loop-helix ubiquitous kinase [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	CHUK
Synonyms	CHUK; conserved helix-loop-helix ubiquitous kinase; IKK1; IKKA; IKBKA; TCF16; NFKBIKA; IKK-alpha; inhibitor of nuclear factor kappa-B kinase subunit alpha; TCF-16; IKK-a kinase; I-kappa-B kinase 1; I-kappa-B kinase-alpha; transcription factor 16; IkB kinase alpha subunit; Nuclear factor NFkappaB inhibitor kinase alpha;
Entrez Gene ID	1147
mRNA Refseq	NM_001278.3
Protein Refseq	NP_001269.3
UniProt ID	O15111
Chromosome Location	10q24-q25
Pathway	AGE/RAGE pathway, organism-specific biosystem; AKT phosphorylates targets in the cytosol, 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 bios
Function	ATP binding; IkappaB kinase activity; protein binding; protein heterodimerization activity; protein homodimerization activity; protein kinase activity; scaffold protein binding;

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