



Human CCBL1 blocking peptide (CDBP0714)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-CCBL1 antibody
Antigen Description	This gene encodes a cytosolic enzyme that is responsible for the metabolism of cysteine conjugates of certain halogenated alkenes and alkanes. This metabolism can form reactive metabolites leading to nephrotoxicity and neurotoxicity. Increased levels of this enzyme have been linked to schizophrenia. Multiple transcript variants that encode different isoforms have been identified for this gene.
Species	Human
Conjugate	Unconjugated
Applications	Apuri, BL, ELISA
Format	Lyophilized powder
Size	100 µg
Preservative	None
Storage	Shipped at ambient temperature, store at -20°C.

GENE INFORMATION

Gene Name	CCBL1 cysteine conjugate-beta lyase, cytoplasmic [Homo sapiens]
Official Symbol	CCBL1
Synonyms	CCBL1; cysteine conjugate-beta lyase, cytoplasmic; cysteine conjugate beta lyase; cytoplasmic (glutamine transaminase K, kynurenine aminotransferase); kynurenine--oxoglutarate transaminase 1; glutamine transaminase K; GTK; KATI; kynurenine aminotransferase; beta-

lysase, kidney; kynurenine aminotransferase I; cysteine-S-conjugate beta-lyase; glutamine--phenylpyruvate transaminase; kynurenine--oxoglutarate transaminase I; glutamine-phenylpyruvate aminotransferase; cysteine conjugate-beta lyase; cytoplasmic (glutamine transaminase K, kynurenine aminotransferase); KAT1; FLJ95217; MGC29624;

Entrez Gene ID	883
mRNA Refseq	NM_001122671
Protein Refseq	NP_001116143
UniProt ID	Q16773
Chromosome Location	9q34.11
Pathway	Amino acid synthesis and interconversion (transamination), organism-specific biosystem; Metabolic pathways, organism-specific biosystem; Metabolism, organism-specific biosystem; Metabolism of amino acids and derivatives, organism-specific biosystem; Phenylalanine and tyrosine catabolism, organism-specific biosystem; Selenocompound metabolism, organism-specific biosystem; Selenocompound metabolism, conserved biosystem;
Function	1-aminocyclopropane-1-carboxylate synthase activity; L-glutamine:pyruvate aminotransferase activity; L-phenylalanine:pyruvate aminotransferase activity; cysteine-S-conjugate beta-lyase activity; glutamine-phenylpyruvate transaminase activity; kynurenine-o