



Human AGK blocking peptide (CDBP0309)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-Acylglycerol kinase antibody
Antigen Description	The protein encoded by this gene is a mitochondrial membrane protein involved in lipid and glycerolipid metabolism. The encoded protein is a lipid kinase that catalyzes the formation of phosphatidic and lysophosphatidic acids. Defects in this gene have been associated with mitochondrial DNA depletion syndrome 10. [provided by RefSeq, Feb 2012]
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	AGK acylglycerol kinase [Homo sapiens (human)]
Official Symbol	AGK
Synonyms	AGK; acylglycerol kinase; MULK; CATC5; CTRCT38; MTDPS10; acylglycerol kinase, mitochondrial; hAGK; hsMuLK; multi-substrate lipid kinase; multiple substrate lipid kinase;
Entrez Gene ID	55750

mRNA Refseq	NM_018238.3
Protein Refseq	NP_060708.1
UniProt ID	A4D1U5
Chromosome Location	7q34
Pathway	Glycerolipid metabolism, organism-specific biosystem; Glycerolipid metabolism, conserved biosystem;
Function	ATP binding; NAD+ kinase activity; acylglycerol kinase activity; ceramide kinase activity; diacylglycerol kinase activity;