



Human AKAP10 blocking peptide (CDBP0355)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-AKAP10/D-AKAP2 antibody
Antigen Description	This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins bind to the regulatory subunits of protein kinase A (PKA) and confine the holoenzyme to discrete locations within the cell. The encoded protein is localized to mitochondria and interacts with both the type I and type II regulatory subunits of PKA. Polymorphisms in this gene may be associated with increased risk of arrhythmias and sudden cardiac death.
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	AKAP10 A kinase (PRKA) anchor protein 10 [Homo sapiens]
Official Symbol	AKAP10
Synonyms	AKAP10; A kinase (PRKA) anchor protein 10; A-kinase anchor protein 10, mitochondrial; D AKAP2; dual specificity A kinase anchoring protein 2; MGC9414; mitochondrial A kinase PPKA anchor protein 10; PRKA10; protein kinase A anchoring protein 10; AKAP-10; D-AKAP-2;

protein kinase A-anchoring protein 10; a kinase anchor protein 10, mitochondrial; dual specificity A kinase-anchoring protein 2; dual-specificity A-kinase anchoring protein 2; D-AKAP2;

Entrez Gene ID	11216
mRNA Refseq	NM_007202
Protein Refseq	NP_009133
UniProt ID	O43572
Chromosome Location	17p11.1
Pathway	Factors involved in megakaryocyte development and platelet production, organism-specific biosystem; G Protein Signaling Pathways, organism-specific biosystem; Hemostasis, organism-specific biosystem;