



Human AKAP6 blocking peptide (CDBP0357)

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

PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-AKAP6 antibody
Antigen Description	The A-kinase anchor proteins (AKAPs) are a group of structurally diverse proteins, which have the common function of binding to the regulatory subunit of protein kinase A (PKA) and confining the holoenzyme to discrete locations within the cell. This gene encodes a member of the AKAP family. The encoded protein is highly expressed in various brain regions and cardiac and skeletal muscle. It is specifically localized to the sarcoplasmic reticulum and nuclear membrane, and is involved in anchoring PKA to the nuclear membrane or sarcoplasmic reticulum.
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	AKAP6 A kinase (PRKA) anchor protein 6 [Homo sapiens]
Official Symbol	AKAP6
Synonyms	AKAP6; A kinase (PRKA) anchor protein 6; A-kinase anchor protein 6; ADAP6; AKAP100;

KIAA0311; mAKAP; PRKA6; protein kinase A anchoring protein 6; AKAP-6; AKAP 100; A-kinase anchor protein 100 kDa; protein kinase A-anchoring protein 6; ADAP100; MGC165020;

Entrez Gene ID	9472
mRNA Refseq	NM_004274
Protein Refseq	NP_004265
UniProt ID	Q13023
Chromosome Location	14q12
Pathway	G Protein Signaling Pathways, organism-specific biosystem;
Function	enzyme binding; protein N-terminus binding; protein complex scaffold; protein kinase A binding; protein kinase A binding; protein kinase A regulatory subunit binding; receptor binding;