



## Human AKAP8 blocking peptide (CDBP0358)

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

### PRODUCT INFORMATION

Product Overview	Blocking/Immunizing peptide for anti-AKAP8/AKAP95 antibody
Antigen Description	This gene encodes a member of the A-kinase anchor protein family. A-kinase anchor proteins are scaffold proteins that contain a binding domain for the RI/RII subunit of protein kinase A (PKA) and recruit PKA and other signaling molecules to specific subcellular locations. This gene encodes a nuclear A-kinase anchor protein that binds to the RII alpha subunit of PKA and may play a role in chromosome condensation during mitosis by targeting PKA and the condensin complex to chromatin. A pseudogene of this gene is located on the short arm of chromosome 9. [provided by RefSeq, May 2011]
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	<a href="#">AKAP8 A kinase (PRKA) anchor protein 8 [ Homo sapiens (human) ]</a>
Official Symbol	AKAP8
Synonyms	AKAP8; A kinase (PRKA) anchor protein 8; AKAP-8; AKAP95; AKAP 95; AKAP-95; A-kinase

anchor protein 8; A-kinase anchor protein, 95kDa;

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**Entrez Gene ID**

[10270](#)

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**mRNA Refseq**

[NM\\_005858.3](#)

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**Protein Refseq**

[NP\\_005849.1](#)

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**UniProt ID**

O43823

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**Chromosome Location**

19p13.1

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**Pathway**

G Protein Signaling Pathways, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;

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**Function**

double-stranded DNA binding; poly(A) RNA binding; protein kinase A regulatory subunit binding; zinc ion binding;