



Human AKAP8 blocking peptide (CDBP0358)

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

PRODUCT INFORMATION

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| 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

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|------------------------|---|
| Gene Name | AKAP8 A kinase (PRKA) anchor protein 8 [Homo sapiens (human)] |
| 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 |
| mRNA Refseq | NM_005858.3 |
| Protein Refseq | NP_005849.1 |
| UniProt ID | O43823 |
| Chromosome Location | 19p13.1 |
| Pathway | G Protein Signaling Pathways, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem; |
| Function | double-stranded DNA binding; poly(A) RNA binding; protein kinase A regulatory subunit binding; zinc ion binding; |