

Recombinant Human AKAP8 cell lysate

Cat. No. AKAP8-46HCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview

Species	Human
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 located in the nucleus during interphase and is distinctly redistributed during mitosis. This protein has a cell cycle-dependent interaction with the RII subunit of PKA.
Size	100 ul
Storage Buffer	1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)
Applications	Western Blot;

GENE INFORMATION

Gene Name	AKAP8 A kinase (PRKA) anchor protein 8 [Homo sapiens]
Official Symbol	AKAP8
Synonyms	AKAP8; A kinase (PRKA) anchor protein 8; A-kinase anchor protein 8; A kinase anchor protein; 95kDa; AKAP95; DKFZp586B1222; A-kinase anchor protein, 95kDa;

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	AKAP-8; AKAP 95; AKAP-95;
Gene ID	10270
mRNA Refseq	NM_005858
Protein Refseq	NP_005849
MIM	604692
UniProt ID	O43823
Chromosome Location	19p13.1-q12
Pathway	G Protein Signaling Pathways, organism-specific biosystem; TNF-alpha/NF-kB Signaling Pathway, organism-specific biosystem;
Function	DNA binding; double-stranded DNA binding; metal ion binding; protein kinase A regulatory subunit binding; zinc ion binding;

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