

Human AKAP8 Knockdown Cell Lysate

Cat. No. AKAP8-324HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated AKAP8 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
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.
Form	Cell-Tissue Lysis buffer
Molecular Mass	76 kDa
Notes	Instruction of use: This knockdown cell lysate should be paired with wild-type HeLa cell lysate for use. For Western blotting, we recommend running wild-type and knockdown lysates on the same gel, and loading each well with equal volume and equal amount of total proteins.
Storage	Store at -20 centigrade for two years.

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Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg AKAP8 KD HeLa cell lysate
Protein Families	Druggable Genome
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	AKAP8 A kinase (PRKA) anchor protein 8 [Homo sapiens (human)]
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; AKAP-8; AKAP 95; AKAP-95;
Gene ID	10270
mRNA Refseq	NM_005858
Protein Refseq	NP_005849
MIM	604692
UniProt ID	O43823

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