

Human DAXX Knockdown Cell Lysate

Cat. No. DAXX-133HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated DAXX Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a multifunctional protein that resides in multiple locations in the nucleus and in the cytoplasm. It interacts with a wide variety of proteins, such as apoptosis antigen Fas, centromere protein C, and transcription factor erythroblastosis virus E26 oncogene homolog 1. In the nucleus, the encoded protein functions as a potent transcription repressor that binds to sumoylated transcription factors. Its repression can be relieved by the sequestration of this protein into promyelocytic leukemia nuclear bodies or nucleoli. This protein also associates with centromeres in G2 phase. In the cytoplasm, the encoded protein may function to regulate apoptosis. The subcellular localization and function of this protein are modulated by post-translational modifications, including sumoylation, phosphorylation and polyubiquitination. Alternative splicing results in multiple transcript variants.
Form	Cell-Tissue Lysis buffer
Molecular Mass	81 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

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	equal amount of total proteins.
Storage	Store at -20 centigrade.
Concentration	Lot-specific
Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg DAXX KD HeLa cell lysate
Protein Families	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Protein Pathways	Amyotrophic lateral sclerosis (ALS), MAPK signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	DAXX death-domain associated protein [Homo sapiens (human)]
Official Symbol	DAXX
Synonyms	DAXX; death-domain associated protein; death associated protein 6; death domain-associated protein 6; DAP6; Fas-binding protein; CENP-C binding protein; ETS1-associated protein 1; death-associated protein 6; fas death domain-associated protein; EAP1; BING2; MGC126245; MGC126246;
Gene ID	1616
mRNA Refseq	NM_001141969

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Protein Refseq	NP_001135441
MIM	603186
UniProt ID	Q9UER7

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