

Human ALKBH1 Knockdown Cell Lysate

Cat. No. ALKBH1-325HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated ALKBH1 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	This gene encodes a homolog to the E. coli alkB gene product. The E. coli alkB protein is part of the adaptive response mechanism of DNA alkylation damage repair. It is involved in damage reversal by oxidative demethylation of 1-methyladenine and 3-methylcytosine.
Form	Cell-Tissue Lysis buffer
Molecular Mass	44 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.
Concentration	Lot-specific
Shipping	Blue Ice

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Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg ALKBH1 KD HeLa cell lysate
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	ALKBH1 alkB, alkylation repair homolog 1 (E. coli) [Homo sapiens (human)]
Official Symbol	ALKBH1
Synonyms	ALKBH1; alkB, alkylation repair homolog 1 (E. coli); alkB, alkylation repair homolog (E. coli), ALKBH; alkylated DNA repair protein alkB homolog 1; ABH; alkB; hABH; DNA lyase ABH1; alkylation repair, alkB homolog; alpha-ketoglutarate-dependent dioxygenase ABH1; ABH1; ALKBH;
Gene ID	8846
mRNA Refseq	NM_006020
Protein Refseq	NP_006011
MIM	605345
UniProt ID	Q13686

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