

Human KAT7 Knockdown Cell Lysate

Cat. No. KAT7-218HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated KAT7 Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	The protein encoded by this gene is part of the multimeric HBO1 complex, which possesses histone H4-specific acetyltransferase activity. This activity is required for functional replication origins and is involved in transcriptional activation of some genes. In both cases, the acetylation of histone H4 helps unfold chromatin so that the DNA can be accessed and replicated or transcribed.
Form	Cell-Tissue Lysis buffer
Molecular Mass	71 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

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Shipping	Blue Ice
Components	1 vial of 100 µg WT HeLa cell lysate 1 vial of 100 µg KAT7 KD HeLa cell lysate
Protein Families	Druggable Genome, Stem cell - Pluripotency, Transcription Factors
Lysate QC	RT-qPCR; Western Blotting (WB)

GENE INFORMATION

Gene Name	KAT7 K(lysine) acetyltransferase 7 [Homo sapiens (human)]
Official Symbol	KAT7
Synonyms	KAT7; K(lysine) acetyltransferase 7; MYST histone acetyltransferase 2, MYST2; histone acetyltransferase KAT7; HBO1; HBOA; histone acetyltransferase binding to ORC1; MYST-2; lysine acetyltransferase 7; histone acetyltransferase MYST2; MYST histone acetyltransferase 2; MOZ, YBF2/SAS3, SAS2 and TIP60 protein 2; MYST2;
Gene ID	11143
mRNA Refseq	NM_001199155
Protein Refseq	NP_001186084
MIM	609880
UniProt ID	O95251

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