

Human KAT2B Knockdown Cell Lysate

Cat. No. KAT2B-357HKCL **Lot. No.** (See product label)

SPECIFICATION

Product Overview	WB-validated KAT2B Knockdown HeLa Cell Lysate
Species	Human
Source	HeLa
Description	<p>CBP and p300 are large nuclear proteins that bind to many sequence-specific factors involved in cell growth and/or differentiation, including c-jun and the adenoviral oncoprotein E1A. The protein encoded by this gene associates with p300/CBP. It has in vitro and in vivo binding activity with CBP and p300, and competes with E1A for binding sites in p300/CBP. It has histone acetyl transferase activity with core histones and nucleosome core particles, indicating that this protein plays a direct role in transcriptional regulation.</p>
Form	Cell-Tissue Lysis buffer
Molecular Mass	93 kDa
Notes	<p>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.</p>
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 KAT2B KD HeLa cell lysate
Protein Families	Druggable Genome, Transcription Factors
Protein Pathways	Notch signaling pathway
Lysate QC	RT-qPCR; Western Blotting (WB)
GENE INFORMATION	
Gene Name	KAT2B K(lysine) acetyltransferase 2B [Homo sapiens (human)]
Official Symbol	KAT2B
Synonyms	KAT2B; K(lysine) acetyltransferase 2B; p300/CBP associated factor, PCAF; histone acetyltransferase KAT2B; GCN5; GCN5L; P/CAF; histone acetylase PCAF; CREBBP-associated factor; p300/CBP-associated factor; lysine acetyltransferase 2B; histone acetyltransferase PCAF; P; CAF; PCAF;
Gene ID	8850
mRNA Refseq	NM_003884
Protein Refseq	NP_003875
MIM	602303

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UniProt ID

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