

KD-Validated Anti-Lysine acetyltransferase 7 Rabbit Monoclonal Antibody

Rabbit monoclonal antibody

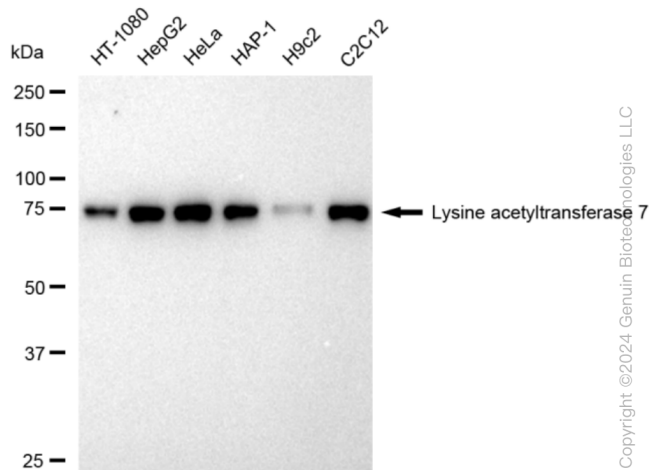
ABG1293

Product Overview

Name	KD-Validated Anti-Lysine acetyltransferase 7 Rabbit Monoclonal Antibody
Accession(Primary)	O95251
Host Species	Rabbit
Clonality	Monoclonal
Isotype	Rabbit IgG
Immunogen	A synthesized peptide derived from human KAT7 / HBO1 / MYST2
Species Reactivity	Human, Mouse, Rat
Calculated MW	Predicted, 71 kDa , observed, 75 kDa
Storage Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Recommended Dilution	Western Blotting (WB): 1:1,000-1:5,000 Flow Cytometry (FCM): 1:2,000 Immunocytochemistry (IC): 1:1,000

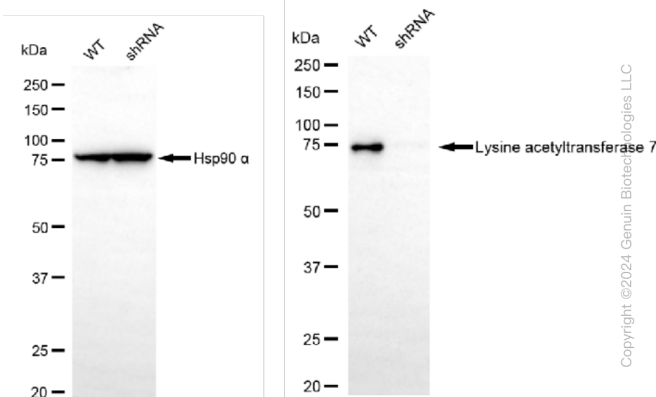
Target information (O95251)

Gene Name	KAT7
About Gene Symbol	KAT7 (Lysine Acetyltransferase 7) is a histone acetyltransferase involved in chromatin remodeling and epigenetics. It is an important research target in metabolic disease, cancer metabolism, and drug discovery and is widely studied to elucidate cellular mechanisms and identify therapeutic targets.



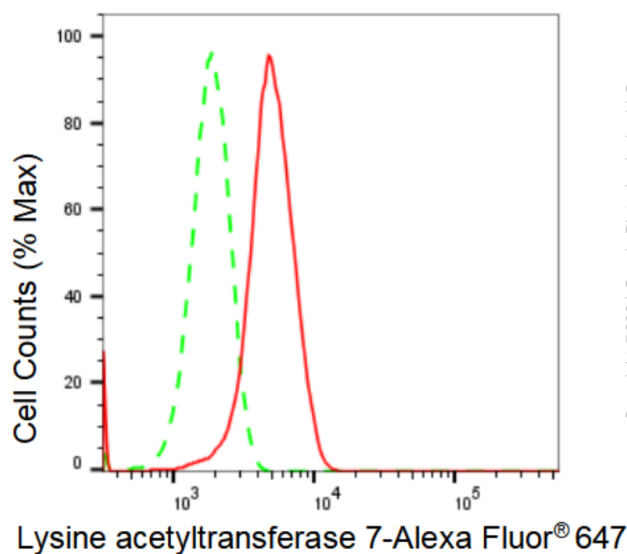
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Western blotting analysis using anti-Lysine acetyltransferase 7 antibody (Cat#ABG1293). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Lysine acetyltransferase 7 antibody (Cat#ABG1293, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



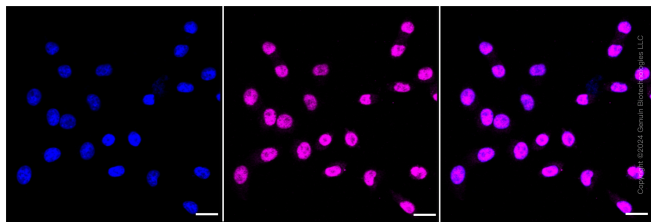
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Western blotting analysis using anti-Lysine acetyltransferase 7 antibody (Cat#ABG1293). Lysine acetyltransferase 7 expression in wild type (WT) and lysine acetyltransferase 7 shRNA knockdown (KD) HeLa cells with 30 µg of total cell lysates. β-Tubulin serves as a loading control. The blot was incubated with anti-Lysine acetyltransferase 7 antibody (Cat#ABG1293, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



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Flow cytometric analysis of Lysine acetyltransferase 7 expression in HepG2 cells using Lysine acetyltransferase 7 antibody (Cat#ABG1293, 1:2,000). Green, isotype control; red, Lysine acetyltransferase 7.



Immunocytochemical staining of HepG2 cells with Lysine acetyltransferase 7 antibody (Cat#ABG1293, 1:1,000). Nuclei were stained blue with DAPI; Lysine acetyltransferase 7 was stained magenta with Alexa Fluor® 647. Images were taken using Leica stellaris 5. Protein abundance based on laser Intensity and smart gain: Medium. Scale bar: 20 μ m.