

Specification

Catalytic subunit of histone acetyltransferase HBO1 complexes, which specifically mediate acetylation of histone H3 at 'Lys-14' (H3K14ac), thereby regulating various processes, such as gene transcription, protein ubiquitination, immune regulation, stem cell pluripotent and self-renewal maintenance and embryonic development (PubMed:16387653, PubMed:21753189, PubMed:21753189)

Cellular Location

Tissue Location

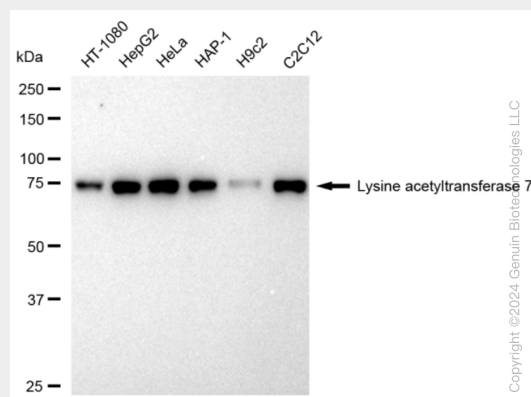
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KD-Validated Anti-Lysine acetyltransferase 7 Rabbit Monoclonal Antibody - Protocols

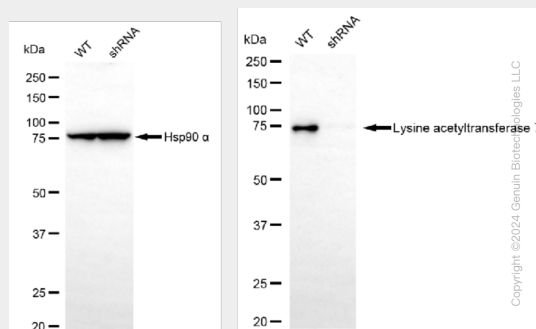
Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

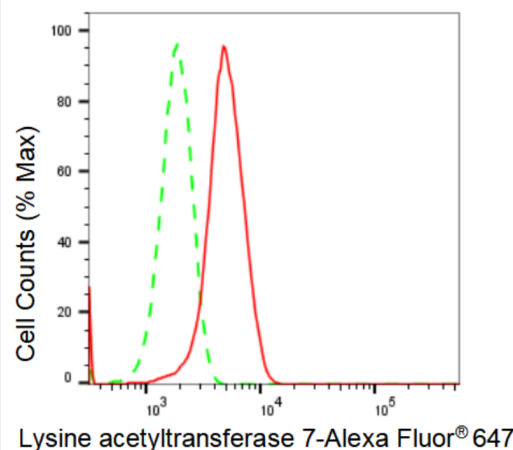
KD-Validated Anti-Lysine acetyltransferase 7 Rabbit Monoclonal Antibody - Images



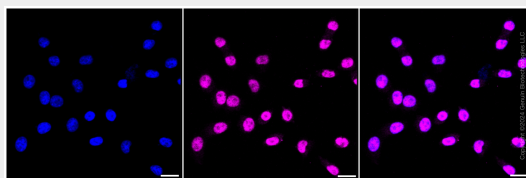
Western blotting analysis using anti-Lysine acetyltransferase 7 antibody (Cat#AGI1293). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-Lysine acetyltransferase 7 antibody (Cat#AGI1293, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Western blotting analysis using anti-Lysine acetyltransferase 7 antibody (Cat#AGI1293). 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#AGI1293, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody respectively.



Flow cytometric analysis of Lysine acetyltransferase 7 expression in HepG2 cells using Lysine acetyltransferase 7 antibody (Cat#AGI1293, 1:2,000). Green, isotype control; red, Lysine acetyltransferase 7.



Immunocytochemical staining of HepG2 cells with Lysine acetyltransferase 7 antibody (Cat#AGI1293, 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 µm.