

Catalog #: 3665

Aliases

ALKBH4; AlkB Homolog 4, Lysine Demethylase; Alpha-Ketoglutarate-Dependent Dioxygenase AlkB Homolog 4; Alkylated DNA Repair Protein AlkB Homolog 4; DNA N6-Methyl Adenine Demethylase ALKBH4; Lysine-Specific Demethylase ALKBH4; FLJ20013; ABH4; Probable Alpha-Ketoglutarate-Dependent Dioxygenase ABH4; AlkB, Alkylation Repair Homolog 4 (E. Coli); AlkB Homolog 4, Lysine Demthylase; AlkB, Alkylation Repair Homolog 4; EC 1.14.11.51; EC 1.14.11.-

Background

Gene Name: ALKBH4

NCBI Gene Entry: [54784](#)

UniProt Entry: [Q9NXW9](#)

Application Information

Molecular Weight: Predicted, 34 kDa; observed, 34 kDa

Clonality: Rabbit monoclonal antibody

Clone ID: 24GB6805

Species Reactivity: Human

Applications Tested: Western blotting (WB), flow cytometry (FCM)

Immunogen

Recombinant protein of human ALKBH4

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:1,000-1:5,000

Flow Cytometry (FCM): 1:2,000

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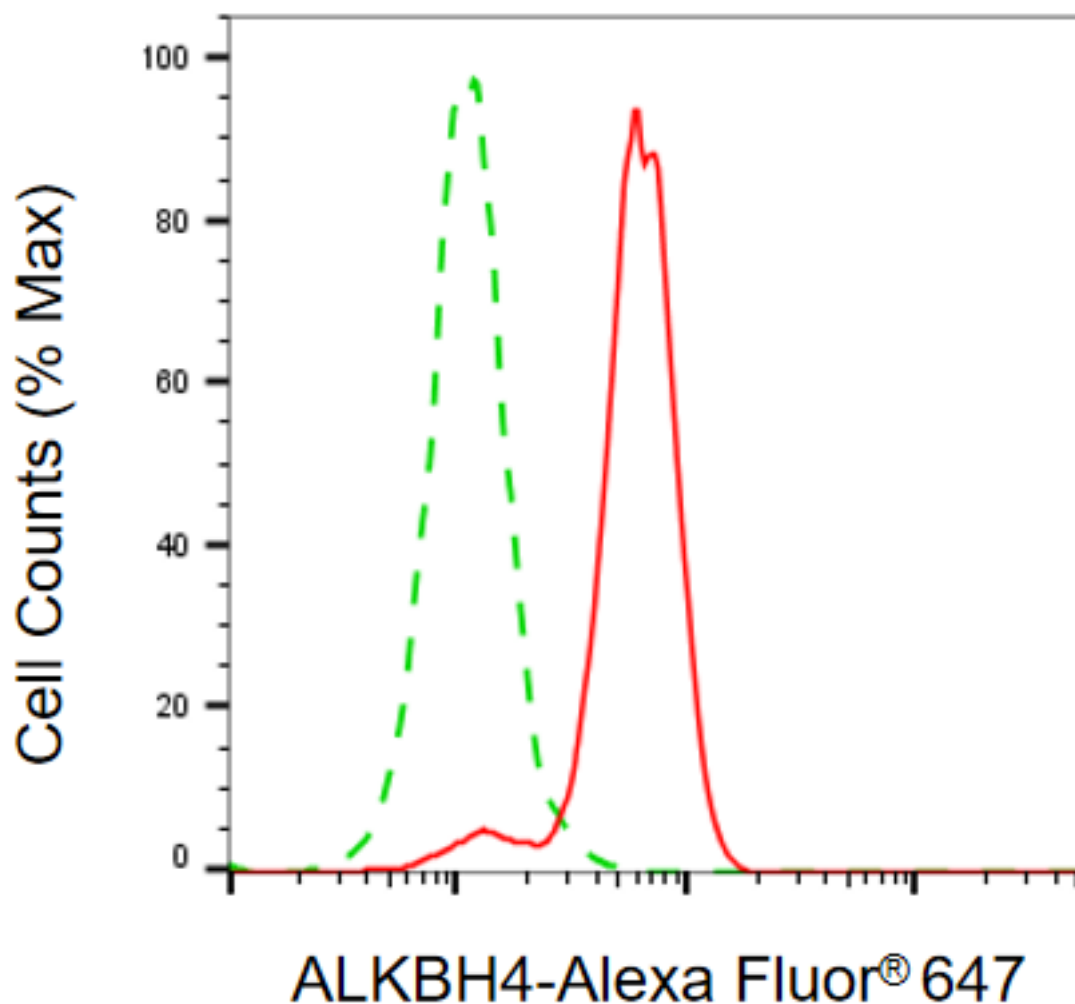
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Validation Data



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Flow cytometric analysis of ALKBH4 expression in HeLa cells using anti-ALKBH4 antibody (Cat#3665, 1:2,000). Green, isotype control; red, ALKBH4.

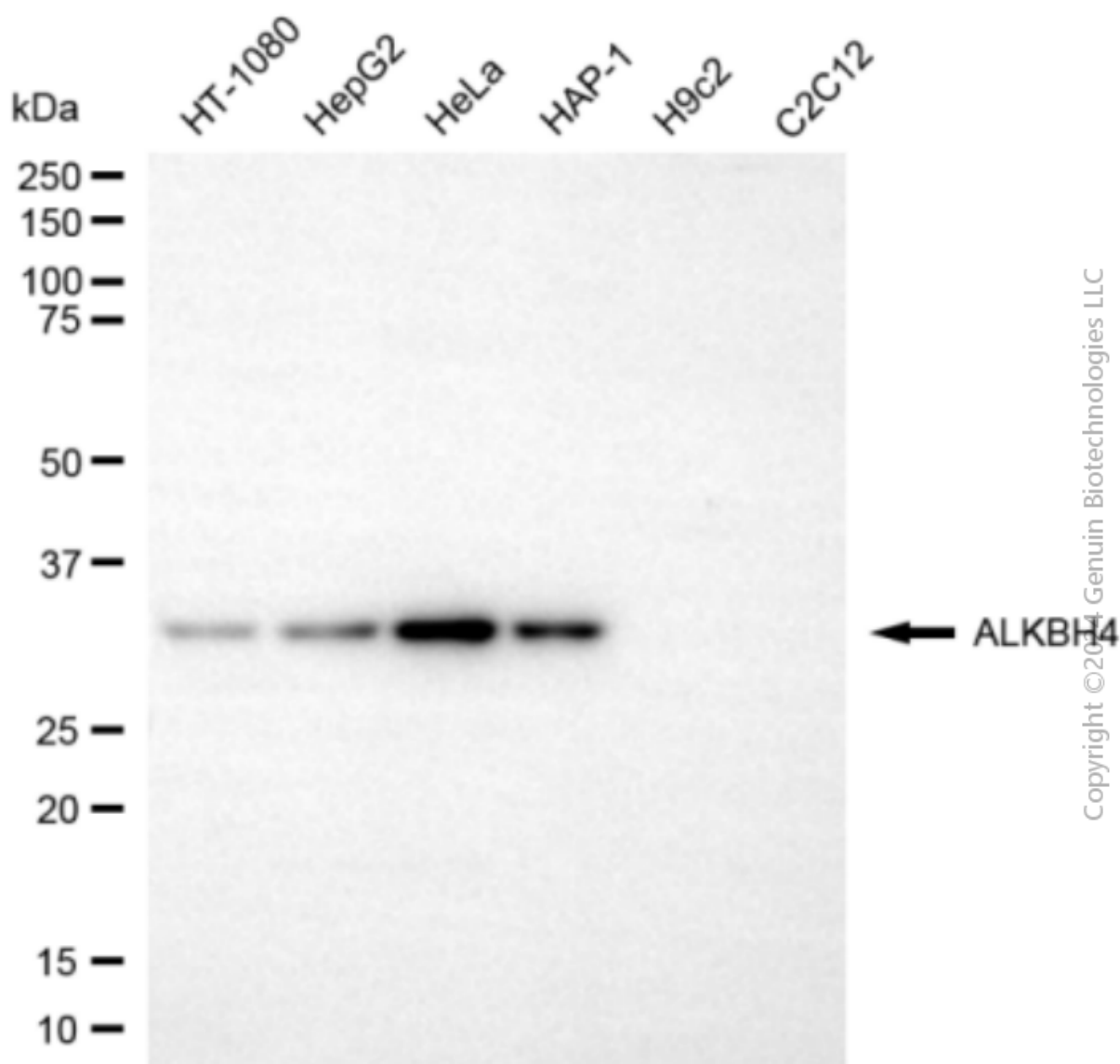
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Western blotting analysis using anti-ALKBH4 antibody (Cat#3665). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with anti-ALKBH4 antibody (Cat#3665, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (Cat#201, 1:20,000) respectively. Image was developed using FeQ™ ECL Substrate Kit (Cat#226).

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