

ALKBH3 Rabbit pAb

Catalog No.: A5808

Basic Information

Observed MW

33kDa

Calculated MW

33kDa

Category

Primary antibody

Applications

ELISA, WB

Cross-Reactivity

Human, Mouse

Background

The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 (MIM 610602) and ALKBH3 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]).

Recommended Dilutions

WB 1:2000 - 1:4000

Immunogen Information

Gene ID

221120

Swiss Prot

Q96Q83

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-286 of human ALKBH3 (NP_631917.1).

Synonyms

ABH3; PCA1; DEPC1; hABH3; DEPC-1; ALKBH3

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

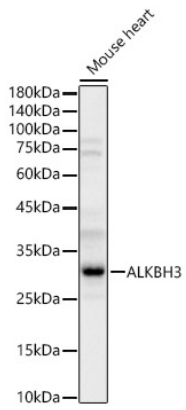
Affinity purification

Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Western blot analysis of lysates from Mouse heart, using ALKBH3 Rabbit pAb (A5808) at 1:4000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25µg per lane.
Blocking buffer: 3% nonfat dry milk in TBST.
Detection: ECL Basic Kit (RM00020).
Exposure time: 60s.