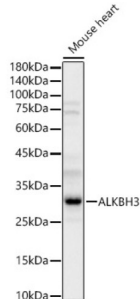


AlkB Homolog 3, Alpha-Ketoglutaratedependent Dioxygenase (ALKBH3) Antibody

Catalogue No.: abx004450



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

ALKBH3 Antibody is a Rabbit Polyclonal antibody against ALKBH3. 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).

Target:	AlkB Homolog 3, Alpha-Ketoglutaratedependent Dioxygenase (ALKBH3)
Clonality:	Polyclonal
Reactivity:	Human, Mouse
Tested Applications:	ELISA, WB
Host:	Rabbit
Recommended dilutions:	ELISA: 1 µg/ml, WB: 1/2000 - 1/4000. Optimal dilutions/concentrations should be determined by the end user.
Conjugation:	Unconjugated
Immunogen:	Recombinant fusion protein containing a sequence corresponding to amino acids 1-286 of human ALKBH3.
Isotype:	IgG
Form:	Liquid
Purification:	Purified by affinity chromatography.
Storage:	Aliquot and store at -20°C. Avoid repeated freeze/thaw cycles.
UniProt Primary AC:	Q96Q83 (UniProt , ExpASY)

Datasheet

Version: 3.0.0
Revision date: 13 Mar 2025



Gene Symbol: ALKBH3

GeneID: [221120](#)

NCBI Accession: NP_631917.1

KEGG: hsa:221120

String: [9606.ENSP00000302232](#)

Enzyme Commission Number: EC 1.14.11.-, EC 1.14.11

Molecular Weight: Calculated MW: 33 kDa
Observed MW: 33 kDa

Buffer: PBS, pH 7.3, containing 0.02% sodium azide, 50% glycerol.

Concentration: 2.68 mg/ml

Note: THIS PRODUCT IS FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC, THERAPEUTIC OR COSMETIC PROCEDURES. NOT FOR HUMAN OR ANIMAL CONSUMPTION.

For Reference Only