

ALKBH3 293T Cell Transient Overexpression Lysate(Denatured)

Catalog # H00221120-T01

Size 100 uL

Applications

SDS-PAGE Gel

ALKBH3 transfected lysate.

□

Western Blot

Lane 1: ALKBH3 transfected lysate (33.4 KDa)

Lane 2: Non-transfected lysate.

□

Specification

Transfected Cell Line 293T

Plasmid pCMV-ALKBH3 full-length

Host Human

Theoretical MW (kDa) 33.4

Quality Control Testing Transient overexpression cell lysate was tested with Anti-ALKBH3 antibody ([H00221120-B01](#)) by Western Blots.
SDS-PAGE Gel
ALKBH3 transfected lysate.
Western Blot
Lane 1: ALKBH3 transfected lysate (33.4 KDa)
Lane 2: Non-transfected lysate.

Storage Buffer

1X Sample Buffer (50 mM Tris-HCl, 2% SDS, 10% glycerol, 300 mM 2-mercaptoethanol, 0.01% Bromophenol blue)

Storage Instruction

Store at -80°C. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot

Gene Info — ALKBH3

Entrez GeneID

[221120](#)

GeneBank Accession#

[BC103812](#)

Protein Accession#

[AAI03813](#)

Gene Name

ALKBH3

Gene Alias

ABH3, DEPC-1, DEPC1, MGC118790, MGC118792, MGC118793, PCA1

Gene Description

alkB, alkylation repair homolog 3 (E. coli)

Omim ID

[610603](#)

Gene Ontology

[Hyperlink](#)

Gene Summary

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]).[supplied by OMIM]

Other Designations

alkB, alkylation repair homolog 3|prostate cancer antigen-1

Disease

- [Kidney Failure](#)