

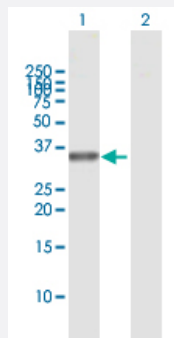
MaxPab®

ALKBH3 MaxPab rabbit polyclonal antibody (D01)

Catalog # H00221120-D01

Size 100 uL

Applications

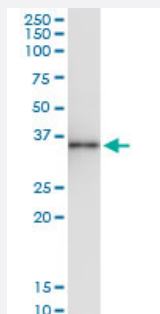


Western Blot (Transfected lysate)

Western Blot analysis of ALKBH3 expression in transfected 293T cell line ([H00221120-T02](#)) by ALKBH3 MaxPab polyclonal antibody.

Lane 1: ALKBH3 transfected lysate(33.40 KDa).

Lane 2: Non-transfected lysate.



Immunoprecipitation

Immunoprecipitation of ALKBH3 transfected lysate using anti-ALKBH3 MaxPab rabbit polyclonal antibody and Protein A Magnetic Bead, and immunoblotted with ALKBH3 MaxPab mouse polyclonal antibody (B01) ([H00221120-B01](#)).

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human ALKBH3 protein.

Immunogen

ALKBH3 (AAI03813.1, 1 a.a. ~ 286 a.a) full-length human protein.

Sequence

MEEKRRRRARVQGAWAAPVKSQAIAQPATTAKSHLHQKPGQTWKNKEHHLSDREFVFKEPQQV
VRRAPPEPRVIDREGVYEISLSPTGVSRLVCLYPGFVDVKEADWILEQLCQDVPWKQRTGIREDITYQ
QPRLTAWYGELPYTYSRITMEPNPHWHPVLRRLTKNRIEENTGHTFNSLLCNLYRNEKDSVDWHSD
DEPSLGRCPIIASLSFGATRTEFMRKKPPPEENGEYTYVERVKIPLDHGTLLIMEGATQADWQHRV
PKEYHSREPRVNLTFRTVYPDPRGAPW

Host

Rabbit

Reactivity	Human
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	No additive
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

- Immunoprecipitation

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[Protocol Download](#)

Gene Info — ALKBH3

Entrez GeneID	221120
GeneBank Accession#	BC103812
Protein Accession#	AA03813.1
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](#)