

ALKBH3 rabbit monoclonal antibody

Catalog # H00221120-K

Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human ALKBH3 peptide using ARM Technology.
Immunogen	A synthetic peptide of human ALKBH3 is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human ALKBH3 peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — ALKBH3

Entrez GeneID	221120
GeneBank Accession#	ALKBH3
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](#)