

## Datasheet for ABIN7467388 **anti-ALKBH3 antibody**



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### Overview

Quantity:	100 µL
Target:	ALKBH3
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALKBH3 antibody is un-conjugated
Application:	Western Blotting (WB)

### Product Details

Immunogen:	Recombinant protein encompassing a sequence within the center region of human ALKBH3. The exact sequence is proprietary.
Isotype:	IgG
Cross-Reactivity:	Rat
Purification:	Purified by antigen-affinity chromatography.

### Target Details

Target:	ALKBH3
Alternative Name:	alkB homolog 3, alpha-ketoglutaratedependent dioxygenase ( <a href="#">ALKBH3 Products</a> )
Background:	AlkB homolog 3, alpha-ketoglutaratedependent dioxygenase , ABH3 , DEPC-1 , DEPC1 , PCA1 , hABH3, 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)

## Target Details

	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]
Molecular Weight:	33 kDa
Gene ID:	221120
UniProt:	<a href="#">Q96Q83</a>
Pathways:	<a href="#">DNA Damage Repair</a>

## Application Details

Application Notes:	WB: 1:500-1:3000. Optimal dilutions/concentrations should be determined by the researcher. Not tested in other applications.
Comment:	Positive Control: rat stomach
Restrictions:	For Research Use only

## Handling

Format:	Liquid
Concentration:	2.06 mg/mL
Buffer:	1XPBS ( pH 7), 20 % Glycerol, 0.025 % ProClin 300
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Store as concentrated solution. Centrifuge briefly prior to opening vial. For short-term storage (1-2 weeks), store at 4°C. For long-term storage, aliquot and store at -20°C or below. Avoid multiple freeze-thaw cycles.