

## Product datasheet for **TA333528**

### ALKBH3 Rabbit Polyclonal Antibody

#### Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB
Reactivity:	Human
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	The immunogen for Anti-ALKBH3 Antibody: synthetic peptide directed towards the middle region of human ALKBH3. Synthetic peptide located within the following region: EMRKKPPPEENGDYTYVERVKIPLDHGTLIMEGATQADWQHRVPKEYHS
Formulation:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09% (w/v) sodium azide and 2% sucrose. <i>Note that this product is shipped as lyophilized powder to China customers.</i>
Purification:	Affinity Purified
Conjugation:	Unconjugated
Storage:	Store at -20°C as received.
Stability:	Stable for 12 months from date of receipt.
Predicted Protein Size:	33 kDa
Gene Name:	alkB homolog 3, alpha-ketoglutarate-dependent dioxygenase
Database Link:	<a href="#">NP_631917</a> <a href="#">Entrez Gene 221120 Human</a> <a href="#">Q96Q83</a>



[View online »](#)

**Background:**

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. 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]. Sequence Note: removed 1 base from the 5' end that did not align to the reference genome assembly. PRIMARYREFSEQ\_SPAN PRIMARY\_IDENTIFIER PRIMARY\_SPAN COMP 1-1519 AB042029.1 2-1520

**Synonyms:**

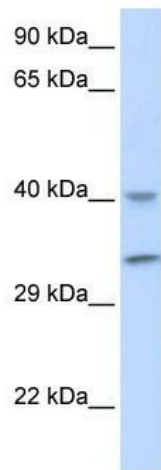
ABH3; DEPC-1; DEPC1; PCA1

**Note:**

Immunogen sequence homology: Pig: 100%; Rat: 100%; Horse: 100%; Human: 100%; Mouse: 100%; Dog: 93%; Bovine: 93%; Guinea pig: 93%; Rabbit: 86%

**Protein Families:**

Druggable Genome

**Product images:**

WB Suggested Anti-ALKBH3 Antibody Titration:  
0.2-1 ug/ml; ELISA Titer: 1: 1562500; Positive  
Control: Human Muscle