

Rabbit ALKBH3 Polyclonal Antibody | anti-ALKBH3 antibody

ALKBH3 Antibody (C-term)

CATALOG # AAA287592	HOST Rabbit	REACTIVITY Human, mouse (Predicted Reactivity: Bovine)	APPLICATIONS Immunohistochemistry, ELISA, Western Blot
-------------------------------	-----------------------	--	--

PRODUCT SYNONYMS

ALKBH3; Polyclonal Antibody; ALKBH3 Antibody (C-term); Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3; 11411-; Alkylated DNA repair protein alkB homolog 3; DEPC-1; Prostate cancer antigen 1; ABH3; DEPC1; anti-ALKBH3 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse (Predicted Reactivity: Bovine)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ALKBH3 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 242-269 amino acids from the C-terminal region of human ALKBH3.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	242-269
Sequence Length	170
Applicable Applications for anti-ALKBH3 antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Formalin-fixed and paraffin-embedded human prostate carcinoma reacted with ALKBH3 Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)

Western blot analysis of ALKBH3 Antibody (C-term) in mouse kidney tissue lysates (35ug/lane). ALKBH3 (arrow) was detected using the purified Pab.

ADDITIONAL INFORMATION

Related Product Information for anti-ALKBH3 antibody	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.
References	Sundheim,O., et.al., EMBO J. 25 (14), 3389-3397 (2006)

NCBI AND UNIPROT INFORMATION

NCBI GI #	21040275
NCBI GeneID	221120
NCBI Accession #	NP_631917.1
NCBI GenBank Nucleotide #	NM_139178.3
UniProt Accession #	Q96Q83; Q3SYI0; Q6NX57; Q96BU8; A6NDJ1
Molecular Weight	33375
NCBI Official Full Name	alpha-ketoglutarate-dependent dioxygenase alkB homolog 3
NCBI Official Synonym Full Names	alkB homolog 3, alpha-ketoglutarate-dependent dioxygenase
NCBI Official Symbol	ALKBH3
NCBI Official Synonym Symbols	ABH3; PCA1; DEPC1; DEPC-1
NCBI Protein Information	alpha-ketoglutarate-dependent dioxygenase alkB homolog 3
UniProt Protein Name	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3
UniProt Gene Name	ALKBH3
UniProt Synonym Gene Names	ABH3; DEPC1
UniProt Entry Name	ALKB3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/alkbh3-antibody-immunohistochemistry-western-blot-elisa/287592>