

Rabbit anti-Human Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2 Polyclonal Antibody | anti-ALKBH2 antibody

Rabbit anti-human Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2 polyclonal Antibody(ALKBH2)

CATALOG # AAA118831	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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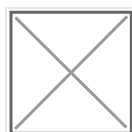
PRODUCT SYNONYMS

Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2; Polyclonal Antibody; Rabbit anti-human Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2 polyclonal Antibody(ALKBH2); Alkylated DNA repair protein alkB homolog 2; DNA oxidative demethylase ALKBH2; Oxy DC1; ALKBH2; ABH2; anti-ALKBH2 antibody

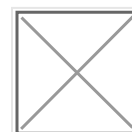
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen Affinity Purified
Sequence Length	261
Applicable Applications for anti-ALKBH2 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Conjugate	Non-conjugated
Immunogen	Recombinant human Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2 protein (1-261aa)
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-161335
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human kidney using AAA118831 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human small intestine using AAA118831 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-ALKBH2 antibody	Dioxygenase that repairs alkylated DNA and RNA containing 1-methyladenine and 3-methylcytosine by oxidative demethylation. Can also repair alkylated DNA containing 1-ethenoadenine (in vitro). Has strong preference for double-stranded DNA. Has low efficiency with single-stranded substrates. Requires molecular oxygen, alpha-ketoglutarate and iron.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	48717226
NCBI GeneID	121642
NCBI Accession #	NP_001001655.1
NCBI GenBank Nucleotide #	NM_001001655.2
UniProt Accession #	Q6NS38; Q5XLE3; A4PET2
Molecular Weight	17,083 Da
NCBI Official Full Name	DNA oxidative demethylase ALKBH2 isoform 1
NCBI Official Synonym Full Names	alkB homolog 2, alpha-ketoglutarate-dependent dioxygenase
NCBI Official Symbol	ALKBH2
NCBI Official Synonym Symbols	ABH2
NCBI Protein Information	DNA oxidative demethylase ALKBH2
UniProt Protein Name	DNA oxidative demethylase ALKBH2
UniProt Gene Name	ALKBH2
UniProt Synonym Gene Names	ABH2
UniProt Entry Name	ALKB2_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.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/alpha-ketoglutarate-dependent-dioxygenase-alkb-homolog-2-antibody-immunohistochemistry-elisa/118831>