

Rabbit anti-Human, mouse ALKBH4 Polyclonal Antibody | anti-ALKBH4 antibody

ALKBH4 Antibody (Center)

CATALOG # AAA286203	HOST Rabbit	REACTIVITY Human, mouse	APPLICATIONS ELISA, Western Blot
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PRODUCT SYNONYMS

ALKBH4; Polyclonal Antibody; ALKBH4 Antibody (Center); Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4; 11411-; Alkylated DNA repair protein alkB homolog 4; ABH4; anti-ALKBH4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This ALKBH4 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 88-117 amino acids from the Central region of human ALKBH4.
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: 0.35 (varies by lot)
Sequence Positions	88-117
Sequence Length	42
Applicable Applications for anti-ALKBH4 antibody	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



WB (Western Blot)

ALKBH4 Antibody (Center) western blot analysis in mouse stomach tissue lysates (35ug/lane). This demonstrates the ALKBH4 antibody detected the ALKBH4 protein (arrow).



WB (Western Blot)

ALKBH4 Antibody (Center) western blot analysis in CEM cell line lysates (35ug/lane). This demonstrates the ALKBH4 antibody detected the ALKBH4 protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-ALKBH4 antibody	Probable dioxygenase that requires molecular oxygen, alpha-ketoglutarate and iron (By similarity).
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References	Tsujikawa, K., et al. J. Cell. Mol. Med. 11(5):1105-1116(2007) Lamesch, P., et al. Genomics 89(3):307-315(2007)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	8923019
NCBI GeneID	54784
NCBI Accession #	NP_060091.1
NCBI GenBank Nucleotide #	NM_017621.3
UniProt Accession #	Q9NXW9; Q53H92; Q9H6A4
Molecular Weight	33838
NCBI Official Full Name	alpha-ketoglutarate-dependent dioxygenase alkB homolog 4
NCBI Official Synonym Full Names	alkB homolog 4, lysine demthylase
NCBI Official Symbol	ALKBH4
NCBI Official Synonym Symbols	ABH4
NCBI Protein Information	alpha-ketoglutarate-dependent dioxygenase alkB homolog 4
UniProt Protein Name	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4
UniProt Gene Name	ALKBH4
UniProt Synonym Gene Names	ABH4
UniProt Entry Name	ALKB4_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/alkbh4-antibody-western-blot-elisa/286203>