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

ALKBH4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA233100	**Rabbit**	**Human, Mouse**	**Immunofluorescence, Western Blot, ELISA**

PRODUCT SYNONYMS

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

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	302
Applicable Applications for anti-ALKBH4 antibody	IF (Immunofluorescence), WB (Western Blot), ELISA
Immunogen	Recombinant human Alpha-ketoglutarate-dependent dioxygenase alkB homolog 4 protein (1-115AA)
Preservative	0.03% Proclin 300
Constituents	50% Glycerol, 0.01M PBS, PH 7.4
Conjugation	Non-conjugated
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-244888 / sc-244889
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

IF (Immunofluorescence)
Immunofluorescent analysis of HepG2 cells using AAA233100 at a dilution of 1:100 and Alexa Fluor 488-congugated AffiniPure Goat Anti-Rabbit IgG(H+L

WB (Western Blot)
Western BlotPositive WB detected in:Mouse spleen tissue,Mouse lung tissue,Mouse kidney tissueAll lanes: ALKBH4 antibody at 3ug/mlSecondaryGoat polyclonal to rabbit IgG at 1/50000 dilutionPredicted band size: 34,5 kDaObserved band size: 34 kDa

ADDITIONAL INFORMATION

Related Product Information for anti-ALKBH4 antibody	Dioxygenase that mediates demethylation of actin monomethylated at 'Lys-84' (K84me1), thereby acting as a regulator of actomyosin-processes. Demethylation of actin K84me1 is required for maintaining actomyosin dynamics supporting normal cleavage furrow ingression during cytokinesis and cell migration. May be involved in transcription regulation.

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	4,556 Da
NCBI Official Full Name	alpha-ketoglutarate-dependent dioxygenase alkB homolog 4
NCBI Official Synonym Full Names	alkB homolog 4, lysine demethylase
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: https://stage.aaabiotech.com/polyclonal/alkbh4-antibody-immunofluorescence-western-blot-elisa/233100