

Rabbit ALKBH5 Polyclonal Antibody | anti-ALKBH5 antibody

ALKBH5 Polyclonal Antibody

CATALOG # AAA179478	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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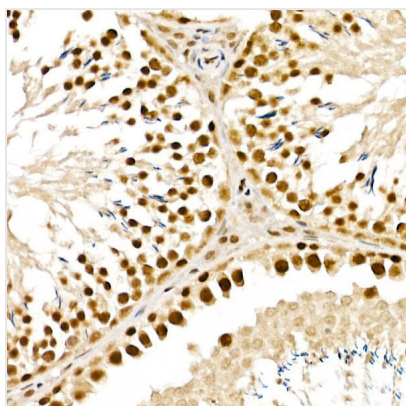
PRODUCT SYNONYMS

ALKBH5; Polyclonal Antibody; ALKBH5 Polyclonal Antibody; ABH5; OFOXD; OFOXD1; anti-ALKBH5 antibody

PRODUCT SPECIFICATIONS

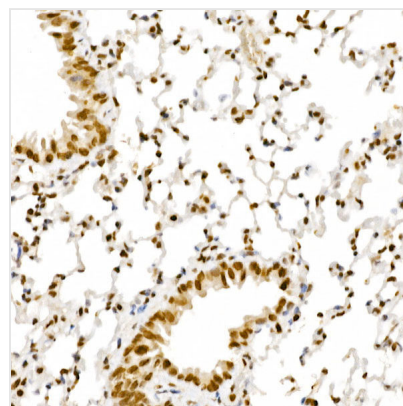
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300,50% glycerol,pH7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ALKBH5 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant fusion protein of human ALKBH5
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



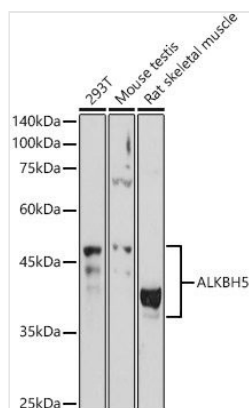
IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat testis using ALKBH5 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded mouse lung using ALKBH5 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.



WB (Western Blot)

Western blot analysis of extracts of various cell lines using ALKBH5 Polyclonal Antibody at 1:1000 dilution.

ADDITIONAL INFORMATION

Related Product Information for anti-ALKBH5 antibody

Dioxygenase that demethylates RNA by oxidative demethylation: specifically demethylates N(6-methyladenosine (m6A RNA, the most prevalent internal modification of messenger RNA (mRNA in higher eukaryotes. Can also demethylate N(6-methyladenosine in single-stranded DNA (in vitro. Requires molecular oxygen, alpha-ketoglutarate and iron. Demethylation of m6A mRNA affects mRNA processing and export. Required for the late meiotic and haploid phases of spermatogenesis by mediating m6A demethylation in spermatocytes and round spermatids: m6A demethylation of target transcripts is required for correct splicing and the production of longer 3'-UTR mRNAs in male germ cells (By similarity.

Product Categories/Family for anti-ALKBH5 antibody

[Antibodies](#); [Primary Antibodies](#); [Polyclonal Antibody](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	148539642
NCBI GeneID	54890
NCBI Accession #	NP_060228.3
NCBI GenBank Nucleotide #	NM_017758.3
UniProt Accession #	Q6P6C2; Q9NXD6; B4DVJ4; D3DXC6
Molecular Weight	43,049 Da
NCBI Official Full Name	RNA demethylase ALKBH5
NCBI Official Synonym Full Names	alkB homolog 5, RNA demethylase
NCBI Official Symbol	ALKBH5
NCBI Official Synonym Symbols	ABH5; OFOXD; OFOXD1
NCBI Protein Information	RNA demethylase ALKBH5
UniProt Protein Name	RNA demethylase ALKBH5
UniProt Gene Name	ALKBH5
UniProt Synonym Gene Names	ABH5; OFOXD1

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.