

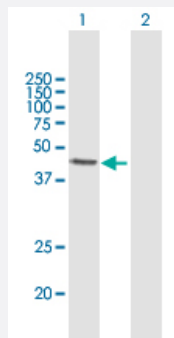
MaxPab®

ALKBH1 purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00008846-B01P

Size 50 ug

Applications

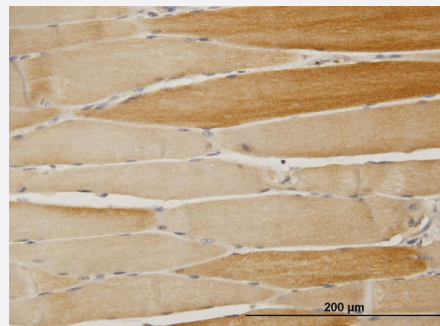


Western Blot (Transfected lysate)

Western Blot analysis of ALKBH1 expression in transfected 293T cell line ([H00008846-T01](#)) by ALKBH1 MaxPab polyclonal antibody.

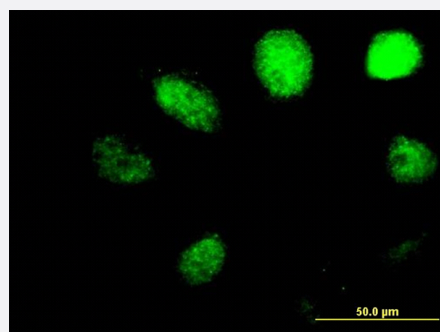
Lane 1: ALKBH transfected lysate (42.79 KDa).

Lane 2: Non-transfected lysate.



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to ALKBH1 on formalin-fixed paraffin-embedded human skeletal muscle. [antibody concentration 3 ug/ml]



Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ALKBH1 on HeLa cell. [antibody concentration 10 ug/ml]

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human ALKBH1 protein.

Immunogen	ALKBH1 (AAH25787.1, 1 a.a. ~ 389 a.a) full-length human protein.
Sequence	MGKMAAAVGSVATLATEPGEDAFRKLFRFYRQSRPGTADLEGVIDFSAAHAARGKGPGAQKVIK SQLNVSSVSEQNAYRAGLQPVSKWQAYGLKGYPGFIFIPNPFLPGYQWHWVKQCLKLYSQKPNV CNLDKHMSKEETQDLWEQSKEFLRYKEATKRRPRSLLLEKLRWVTVGYHYNWDSKKYSADHYTP FPSDLGFLSEQVAAACGFEDFRAEAGILNYYRLDSTLGIHVDRSELDHSPKLLSFSFGQSAIFLLG GLQRDEAPTAMFMHSGDIMMSGFSRLLNHAVPRVLPNPEGEGLPHCLEAPLPAVLPRDSMVEP CSMEDWQVCASYLKTARVNMVTRQVLATDQNFPLEPIEDEKRDISTEGFCHLDDQNSEVKRARI NPHS
Host	Mouse
Reactivity	Human
Interspecies Antigen Sequence	Mouse (82); Rat (75)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

Applications

- Western Blot (Transfected lysate)

Western Blot analysis of ALKBH1 expression in transfected 293T cell line ([H00008846-T01](#)) by ALKBH1 MaxPab polyclonal antibody.

Lane 1: ALKBH transfected lysate(42.79 KDa).

Lane 2: Non-transfected lysate.

[Protocol Download](#)

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunoperoxidase of purified MaxPab antibody to ALKBH1 on formalin-fixed paraffin-embedded human skeletal muscle. [antibody concentration 3 ug/ml]

[Protocol Download](#)

- Immunofluorescence

Immunofluorescence of purified MaxPab antibody to ALKBH on HeLa cell. [antibody concentration 10 ug/ml]

Gene Info — ALKBH1

Entrez GeneID	8846
GeneBank Accession#	BC025787.1
Protein Accession#	AAH25787.1
Gene Name	ALKBH1
Gene Alias	ABH, ABH1, ALKBH, alkB, hABH
Gene Description	alkB, alkylation repair homolog 1 (E. coli)
Omim ID	605345
Gene Ontology	Hyperlink
Gene Summary	This gene encodes a homolog to the E. coli alkB gene product. The E. coli alkB protein is part of the adaptive response mechanism of DNA alkylation damage repair. It is involved in damage reversal by oxidative demethylation of 1-methyladenine and 3-methylcytosine. [provided by RefSeq]
Other Designations	alkylated DNA repair protein alkB homolog alkylation repair, alkB homolog

Publication Reference

- [RNA cytosine methyltransferase Nsun3 regulates embryonic stem cell differentiation by promoting mitochondrial activity.](#)

Trixl L, Amort T, Wille A, Zinni M, Ebner S, Hechenberger C, Eichin F, Gabriel H, Schoberleitner I, Huang A, Piatti P, Nat R, Troppmair J, Lusser A.

Cellular and Molecular Life Sciences : CMLS 2017 Nov; [Epub].

Application: IF, Mouse, Mouse embryonic stem cells