

ALKBH1 Rabbit mAb

Catalog No.: A9221 **Recombinant**

Basic Information

Observed MW

44kDa

Calculated MW

44kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

Cross-Reactivity

Human, Mouse, Rat

CloneNo number

ARC2511

Background

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.

Recommended Dilutions

WB 1:500 - 1:1000

IHC-P 1:50 - 1:200

Immunogen Information

Gene ID

8846

Swiss Prot

Q13686

Immunogen

A synthetic peptide corresponding to a sequence within amino acids 1-100 of human ALKBH1 (Q13686).

Synonyms

ABH; ABH1; alkB; hABH; ALKBH; ALKBH1

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

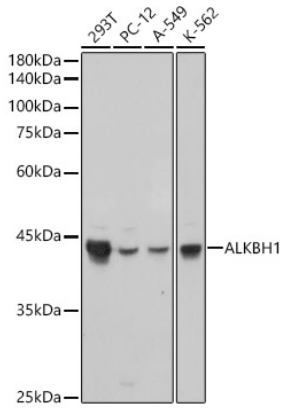
Affinity purification

Storage

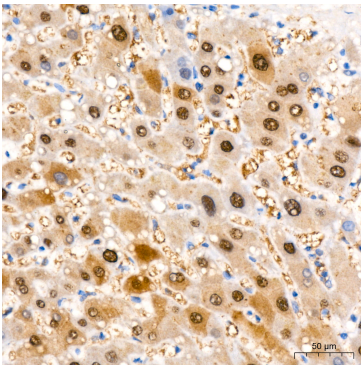
Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide, 0.05% BSA, 50% glycerol, pH7.3.

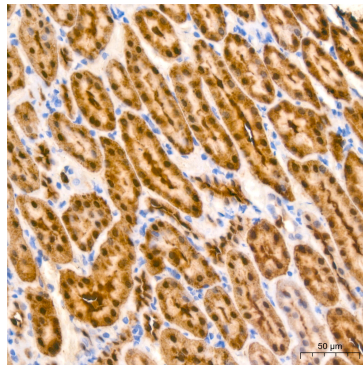
Validation Data



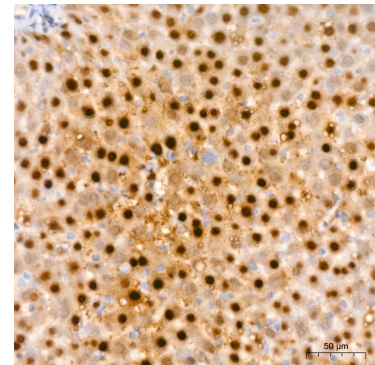
Western blot analysis of various lysates, using ALKBH1 antibody (A9221) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 1s.



Immunohistochemistry analysis of ALKBH1 in paraffin-embedded human liver tissue using ALKBH1 Rabbit mAb (A9221) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of ALKBH1 in paraffin-embedded rat kidney tissue using ALKBH1 Rabbit mAb (A9221) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of ALKBH1 in paraffin-embedded rat liver tissue using ALKBH1 Rabbit mAb (A9221) at a dilution of 1:200 (40x lens). High pressure antigen retrieval was performed with 0.01 M citrate buffer (pH 6.0) prior to IHC staining.