

A7142

Leader in Biomolecular Solutions for Life Science



ALKBH8 Rabbit pAb

Catalog No.: A7142

6 Publications

Basic Information

Observed MW

75kDa

Calculated MW

75kDa

Category

Polyclonal Antibody

Applications

WB,IHC-P,ELISA

Cross-Reactivity

Human,Mouse,Rat

Background

Enables tRNA (uracil) methyltransferase activity; tRNA binding activity; and zinc ion binding activity. Involved in cellular response to DNA damage stimulus; tRNA methylation; and tRNA wobble uridine modification. Located in cytosol and nuclear body. Implicated in autosomal recessive non-syndromic intellectual disability.

Recommended Dilutions

WB 1:2000 - 1:10000

IHC-P 1:100 - 1:200

ELISA Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

Immunogen Information

Gene ID

91801

Swiss Prot

Q96BT7

Immunogen

Recombinant protein (or fragment). This information is considered to be commercially sensitive.

Synonyms

ABH8; TRM9; MRT71; TRMT9; TRMT9A; ALKBH8

Contact

 www.abclonal.com

Product Information

Source

Rabbit

Isotype

IgG

Purification

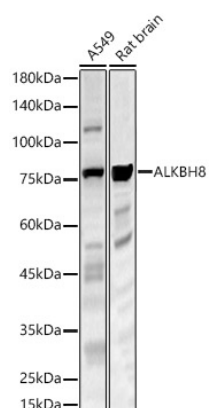
Affinity purification

Storage

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

Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

Validation Data



Western blot analysis of various lysates, using ALKBH8 Rabbit pAb (A7142) at 1:14000 dilution.

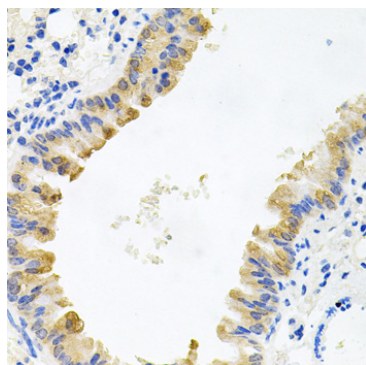
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

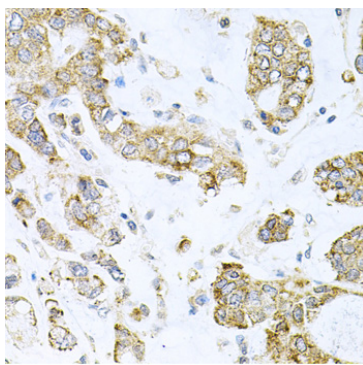
Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 60s.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using ALKBH8 Rabbit pAb (A7142) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using ALKBH8 Rabbit pAb (A7142) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.