

ALKBH8 Rabbit pAb

Catalog No.: A7142

4 Publications

Basic Information

Observed MW

75kDa

Calculated MW

75kDa

Category

Primary antibody

Applications

ELISA, WB, IHC-P

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

Immunogen Information

Gene ID

91801

Swiss Prot

Q96BT7

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-230 of human ALKBH8 (NP_620130.2).

Synonyms

ABH8; TRM9; MRT71; TRMT9; TRMT9A; ALKBH8

Contact

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Product Information

Source

Rabbit

Isotype

IgG

Purification

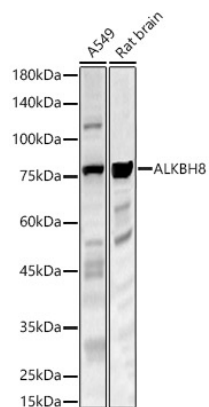
Affinity purification

Storage

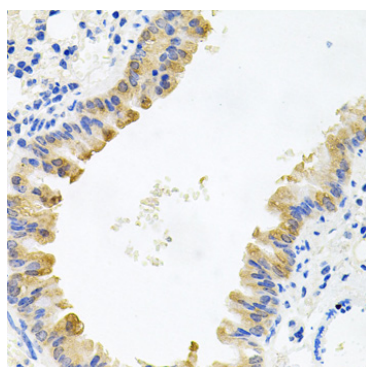
Store at -20°C. Avoid freeze / thaw cycles.

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

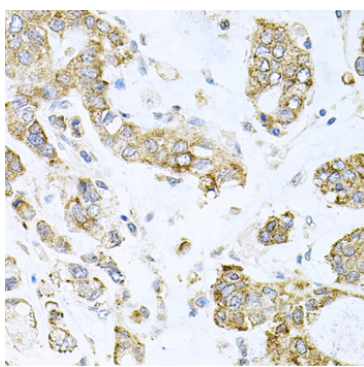
Validation Data



Western blot analysis of various lysates, using ALKBH8 Rabbit pAb (A7142) at 1:14000 dilution.
Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.
Lysates/proteins: 25ug 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). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.



Immunohistochemistry analysis of paraffin-embedded Human gastric cancer using ALKBH8 Rabbit pAb (A7142) at dilution of 1:100 (40x lens). Perform microwave antigen retrieval with 10 mM PBS buffer pH 7.2 before commencing with IHC staining protocol.