

# ALKBH8 Rabbit Polyclonal Antibody

Catalog No: #55133



Package Size: #55133-1 50ul #55133-2 100ul

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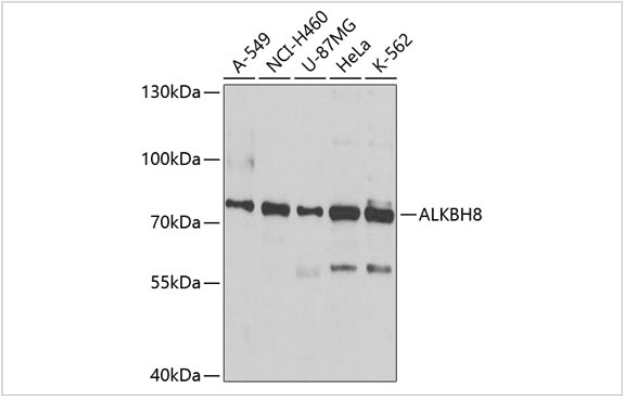
## Description

Product Name	ALKBH8 Rabbit Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB,IHC
Species Reactivity	Human,Mouse
Immunogen Description	Recombinant fusion protein of human ALKBH8 (NP_620130.2).
Other Names	ALKBH8;ABH8;TRM9;TRMT9
Accession No.	Uniprot:Q96BT7GeneID:91801
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GeneID	91801
Calculated MW	25kDa/27kDa/75kDa
SDS-PAGE MW	75kDa
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.
Storage	Store at -20°C. Avoid freeze / thaw cycles.

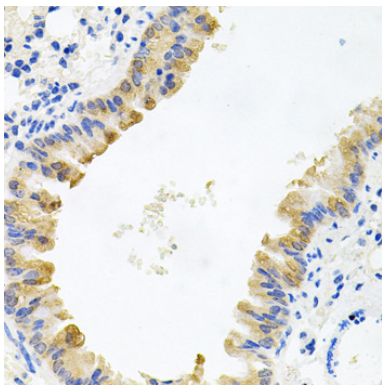
## Application Details

WB 1:500 - 1:2000IHC 1:100 - 1:200

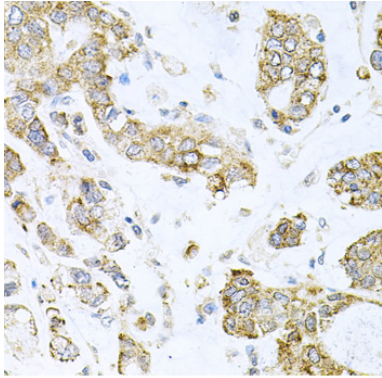
## Images



Western blot analysis of extracts of various cell lines, using ALKBH8 antibody.



Immunohistochemistry of paraffin-embedded mouse lung using ALKBH8 antibody.



Immunohistochemistry of paraffin-embedded human gastric cancer using ALKBH8 antibody.

## Background

Catalyzes the methylation of 5-carboxymethyl uridine to 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in tRNA via its methyltransferase domain. Catalyzes the last step in the formation of 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in target tRNA. Has a preference for tRNA(Arg and tRNA(Glu, and does not bind tRNA(Lys(PubMed:20308323. Binds tRNA and catalyzes the iron and alpha-ketoglutarate dependent hydroxylation of 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in tRNA via its dioxygenase domain, giving rise to 5-(S-methoxycarbonylhydroxymethyluridine; has a preference for tRNA(Gly. Required for normal survival after DNA damage. May inhibit apoptosis and promote cell survival and angiogenesis.

Note: This product is for in vitro research use only