

## ALKBH2 Rabbit mAb

Catalog No: #52134

Package Size: #52134-1 50ul #52134-2 100ul

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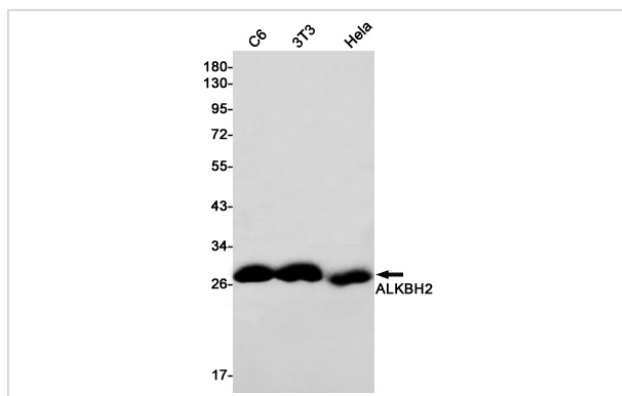
## Description

Product Name	ALKBH2 Rabbit mAb
Host Species	Recombinant Rabbit
Clonality	Monoclonal antibody
Clone No.	S05-5H7
Isotype	Rabbit IgG
Purification	Affinity Purified
Applications	WB
Species Reactivity	Human,Mouse,Rat
Immunogen Description	A synthetic peptide of human ALKBH2
Conjugates	Unconjugated
Modification	Unmodification
Other Names	ABH2
Accession No.	Swiss-Prot:Q6NS38GeneID:121642
Uniprot	Q6NS38
GeneID	121642
Calculated MW	Calculated MW: 29 kDa; Observed MW: 29 kDa
Concentration	0.3 mg/ml
Formulation	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.

## Application Details

WB: 1/1000;

## Images



Western blot detection of ALKBH2 in C6,3T3,HeLa cell lysates using ALKBH2 Rabbit mAb(1:1000 diluted).Predicted band size:29kDa.Observed band size:29kDa.

## Background

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Swiss-Prot Acc.Q6NS38.Dioxygenase that repairs alkylated DNA and RNA containing 1-methyladenine and 3-methylcytosine by oxidative demethylation. Can also repair alkylated DNA containing 1-ethenoadenine (in vitro). Has strong preference for double-stranded DNA. Has low efficiency with single-stranded substrates. Requires molecular oxygen, alpha-ketoglutarate and iron.

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Note: This product is for in vitro research use only