
Product Name: ALKBH4 Rabbit Monoclonal Antibody**Catalog #: AMRe01631**

For research use only.

Summary

Description	Recombinant rabbit monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal
Form	Liquid
Concentration	0.5mg/ml. The concentration of this product may be batch-dependent.
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% protective protein
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,IP 1:20-1:50
Molecular Weight	Calculated MW: 34 kDa; Observed MW: 34 kDa

Antigen Information

Gene Name	ALKBH4
Alternative Names	ABH4
Gene ID	54784
SwissProt ID	Q9NXW9
Immunogen	Recombinant protein of human ALKBH4

Background

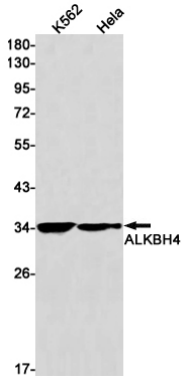
Dioxygenase that mediates demethylation of actin monomethylated at 'Lys-84' (K84me1), thereby acting as a regulator of actomyosin-processes. Demethylation of actin K84me1 is required for maintaining actomyosin dynamics supporting normal

cleavage furrow ingression during cytokinesis and cell migration. May be involved in transcription regulation.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of ALKBH4 in K562, HeLa lysates using ALKBH4 antibody.