

Product Name: ALKBH4 Rabbit Monoclonal Antibody
Catalog #: AMRe01631



Summary

Production Name	ALKBH4 Rabbit Monoclonal Antibody
Description	Recombinant Rabbit Monoclonal antibody
Host	Rabbit
Application	WB,IP
Reactivity	Human

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Monoclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% Sodium azide and 0.05% BSA
Purification	Affinity Purified

Immunogen

Gene Name	ALKBH4
Alternative Names	ABH4
Gene ID	54784
SwissProt ID	Q9NXW9

Application

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

Background

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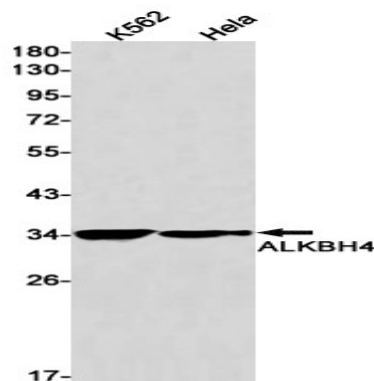


Dioxygenase that mediates demethylation of actin monomethylated at 'Lys-84' (K84me1), thereby acting as a regulator of actomyosin-processes. Demethylation of actin K84me1 is required for maintaining actomyosin dynamics supporting normal cleavage furrow ingression during cytokinesis and cell migration.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

Note

For research use only.