

ALKBH4 Polyclonal Antibody

Catalog Number:E-AB-67916



Note: Centrifuge before opening to ensure complete recovery of vial contents.

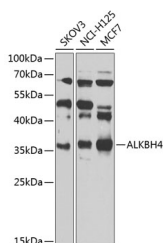
Description

Reactivity	Human
Immunogen	Recombinant fusion protein of human ALKBH4
Host	Rabbit
Isotype	IgG
Purification	Affinity purification
Conjugation	Unconjugated
Formulation	PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Applications Recommended Dilution

WB	1:500-1:2000
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Data



Western blot analysis of extracts of various cell lines
using ALKBH4 Polyclonal Antibody at 1:1000
dilution.

Observed MW:36kDa

Calculated Mw:4kDa/33kDa

Preparation & Storage

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

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. In addition to proteins, also demethylates DNA: specifically demethylates DNA methylated on the 6th position of adenine (N(6-methyladenosine DNA, thereby regulating Polycomb silencing (By similarity).

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