

ALKBH4 Polyclonal Antibody

Catalog No: #31343



Package Size: #31343-1 50ul #31343-2 100ul

Orders: order@signalwayantibody.com
Support: tech@signalwayantibody.com

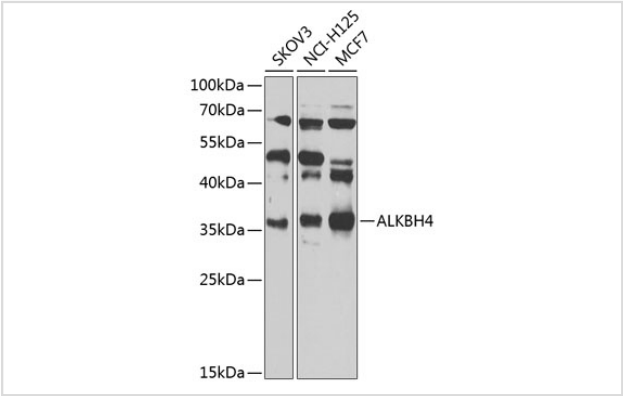
Description

Product Name	ALKBH4 Polyclonal Antibody
Host Species	Rabbit
Clonality	Polyclonal
Isotype	IgG
Purification	Affinity purification
Applications	WB
Species Reactivity	Human
Immunogen Description	Recombinant fusion protein of human ALKBH4 (NP_060091.1).
Other Names	ALKBH4;ABH4
Accession No.	Uniprot:Q9NXW9GenelD:54784
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GenelD	54784
Calculated MW	36kDa
SDS-PAGE MW	36kDa
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 - 1:2000

Images



Western blot analysis of extracts of various cell lines, using ALKBH4 Antibody.

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.

Note: This product is for in vitro research use only