
Product Name: ALKBH4 Rabbit Monoclonal Antibody**Catalog #: AMRe85274**

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 | |
| Storage | Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles. |
| Shipping | Ice bags |
| Buffer | Purified antibody in TBS with 0.05% sodium azide,0.05%protective protein and 50% glycerol. |
| Purification | Affinity Purification |

Application

| | |
|-------------------------|--|
| Dilution Ratio | WB 1:500-1:1000,IP 1:10-1:20 |
| Molecular Weight | Calculated MW: 34 kDa; Observed MW: 34 kDa |

Antigen Information

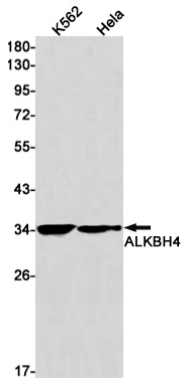
| | |
|--------------------------|-------------------------------------|
| Gene Name | ALKBH4 |
| Alternative Names | ABH4 |
| Gene ID | 54784.0 |
| SwissProt ID | Q9NXW9 |
| Immunogen | Recombinant protein of human ALKBH4 |

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

Image Data



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