

ALKBH4 polyclonal antibody

Catalog: BS70932

Host: Rabbit

Reactivity: Human, Mouse

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).

Product:

1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

Refer to figures

Swiss-Prot:

Q9NXW9

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

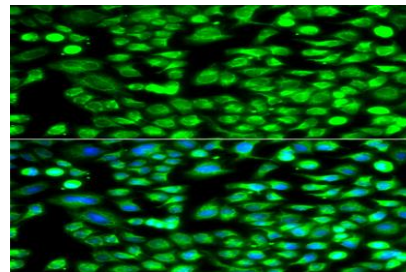
WB,1:500 - 1:2000|IF/ICC,1:50 - 1:100

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Category:

Polyclonal Antibodies

DATA:

Immunofluorescence analysis of A549 cells using ALKBH4 antibody .
Blue: DAPI for nuclear staining.

Note:

For research use only, not for use in diagnostic procedure.

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