Product datasheet

Anti-ALKBH5 Antibody

Catalog Number: *A03360*

BOSTER
antibody and ELISA experts
BOSTER BIOLOGICAL TECHNOLOGY
Special NO.1, International Enterprise Center,
2nd Guanshan Road, Wuhan, China
Web: www.boster.com.cn ***Phone:*** +86 027-67845390 ***Fax:*** +86 027-67845390 ***Email:*** boster@boster.com.cn

Basic Information

Product Name	Anti-ALKBH5 Antibody
Gene Name	ALKBH5
Source	Rabbit
Isotype	IgG
Species Reactivity	human
Tested Application	WB, ICC/IF, ELISA
Contents	500 ug/ml antibody with PBS， 0.02% NaN3 , 1 mg BSA and 50% glycerol.
Immunogen	E.coli-derived human ALKBH5 recombinant protein (Position: E81-R180).
concentration	500 ug/ml
Purification	Immunogen affinity purified.
Observed MW	52KD
Dilution Ratios	Western blot(WB): 1:500-2000 Immunocytochemistry/Immunofluorescence(ICC/IF):1:50-400 ELISA: 1:100-1000

Storage

12 months from date of receipt，-20℃ as supplied. 6 months 2 to 8℃ after reconstitution. Avoid repeated freezing and thawing.

Background Information

RNA demethylase ALKBH5 is an enzyme that in humans is encoded by the ALKBH5 gene. It is mapped to 17p11.2. N(6)-methyladenosine (m(6)A) is the most prevalent modification of mRNA. ALKBH5 functions as a demethylase that removes m(6)A from mRNAs.

Reference

Anti-ALKBH5 Antibody被引用在1文献中。

Selected Validation Data

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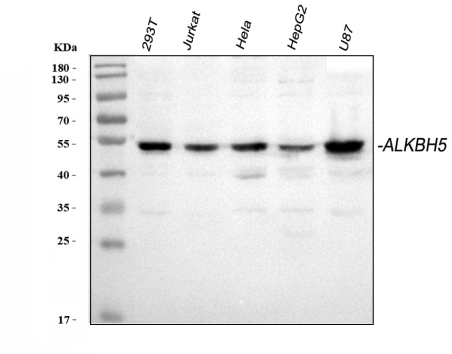

Figure 1. Western blot analysis of anti- ALKBH5 antibody (A03360). The sample well of each lane was loaded with 30ug of sample under reducing conditions.
Lane 1: human 293T whole cell lysates,
Lane 2: human Jurkat whole cell lysates,
Lane 3: human Hela whole cell lysates,
Lane 4: human HepG2 whole cell lysates,
Lane 5: human U-87 MG whole cell lysates.
Use rabbit anti- ALKBH5 1:1000, probed with a goat anti-rabbit IgG-HRP secondary antibody. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit (Catalog#EK1002). A specific band was detected for ALKBH5 at approximately 52KD. The expected band size for ALKBH5 is at 44KD.

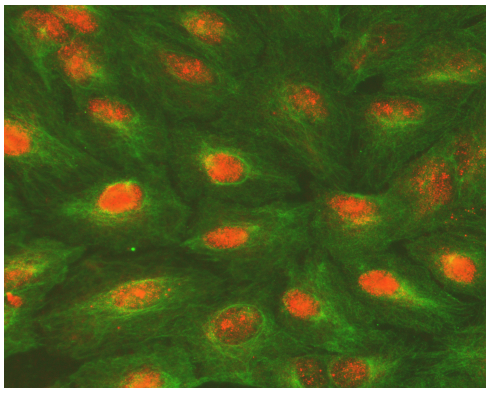

Figure 2. ICC analysis using anti- ALKBH5 antibody (A03360) and anti-Tubulin alpha antibody (M03989-3). were detected in immersion fixed A549 cell line. Cells were stained using the cy3-conjugated Anti-rabbit IgG Secondary Antibody (red)(Catalog#BA1032) and Dylight488-conjugated Anti- mouse IgG Secondary Antibody (green)(Catalog#BA1126).