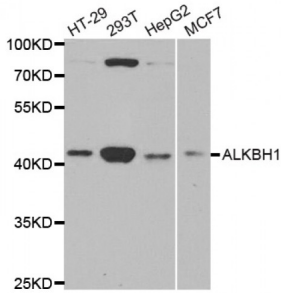
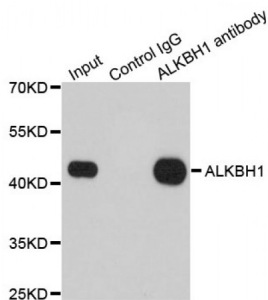


AlkB Homolog 1, Histone H2A Dioxygenase (ALKBH1) Antibody

Catalogue No.: abx004765



Western blot analysis of extracts of various cell lines, using ALKBH1 antibody (abx004765) at 1/1000 dilution.



Immunoprecipitation analysis of 200 µg extracts of 293T cells using 1 µg ALKBH1 antibody (abx004765). Western blot was performed from the immunoprecipitate using ALKBH1 antibody (abx004765) at a dilution of 1/1000.

ALKBH1 Antibody is a Rabbit Polyclonal antibody against ALKBH1. This gene encodes a homolog to the *E. coli* alkB gene product. The *E. coli* alkB protein is part of the adaptive response mechanism of DNA alkylation damage repair. It is involved in damage reversal by oxidative demethylation of 1-methyladenine and 3-methylcytosine.

Target:	ALKBH1
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Tested Applications:	WB, IP
Recommended dilutions:	WB: 1/500 - 1/2000, IP: 1/50 - 1/200. Optimal dilutions/concentrations should be determined by the end user.
Immunogen:	Recombinant protein of human ALKBH1.
Purification:	Affinity purified.
Form:	Liquid
Isotype:	IgG

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Conjugation:	Unconjugated
Storage:	Aliquot and store at -20 °C. Avoid repeated freeze/thaw cycles.
Molecular Weight:	Calculated MW: 43 kDa Observed MW: 44 kDa
Swiss Prot:	Q13686
GeneID:	8846
Gene Symbol:	ALKBH1
Enzyme Commission Number:	EC 1.14.11.33:::EC 4.2.99.18:::EC 1.14.11.-
Concentration:	> 1 mg/ml
Buffer:	PBS, pH 7.3, 0.02% sodium azide, 50% glycerol.
Note:	This product is for research use only.