

ALKBH1 Rabbit pAb

Catalog No.: A6240

Basic Information

Observed MW

44kDa

Calculated MW

44kDa

Category

Primary antibody

Applications

ELISA, WB, IP

Cross-Reactivity

Human

Background

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.

Recommended Dilutions

WB	1:500 - 1:2000
IP	0.5µg-4µg antibody for 200µg-400µg extracts of whole cells

Immunogen Information

Gene ID	Swiss Prot
8846	Q13686

Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 110-389 of human ALKBH1 (NP_006011.2).

Synonyms

ABH; ABH1; alkB; hABH; ALKBH; ALKBH1

Contact

 | www.abclonal.com

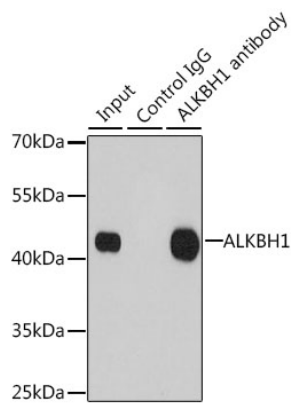
Product Information

Source	Isotype	Purification
Rabbit	IgG	Affinity purification

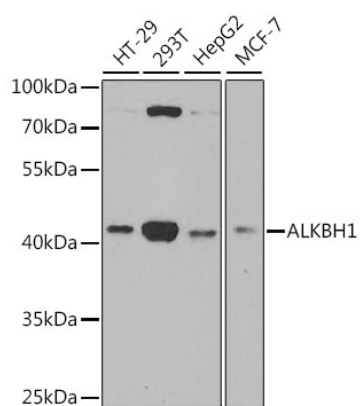
Storage

Store at -20°C. Avoid freeze / thaw cycles.
Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Validation Data



Immunoprecipitation analysis of 200 μ g extracts of 293T cells using 1 μ g ALKBH1 antibody (A6240). Western blot was performed from the immunoprecipitate using ALKBH1 antibody (A6240) at a dilution of 1:1000.



Western blot analysis of various lysates using ALKBH1 Rabbit pAb (A6240) at 1:1000 dilution. Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Enhanced Kit (RM00021). Exposure time: 30s.