

A6240

Leader in Biomolecular Solutions for Life Science



## ALKBH1 Rabbit pAb

Catalog No.: A6240

### Basic Information

**Observed MW**

44kDa

**Calculated MW**

44kDa

**Category**

Polyclonal Antibody

**Applications**

WB,IP,ELISA

**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**

8846

**Swiss Prot**

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](http://www.abclonal.com)

### Product Information

**Source**

Rabbit

**Isotype**

IgG

**Purification**

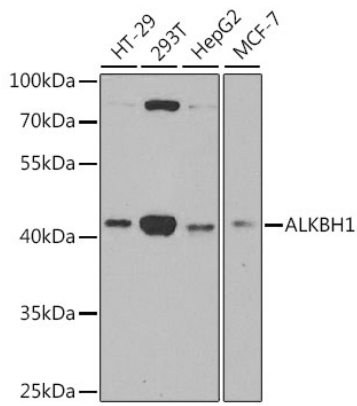
Affinity purification

**Storage**

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

## Validation Data



Western blot analysis of various lysates using ALKBH1 Rabbit pAb (A6240) at 1:1000 dilution.  
 Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (A5014) at 1:10000 dilution.  
 Lysates/proteins: 25µg per lane.  
 Blocking buffer: 3% nonfat dry milk in TBST.  
 Detection: ECL Enhanced Kit (RM00021).  
 Exposure time: 30s.

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

