



Rabbit Anti-Human ALKBH1 Polyclonal Antibody (DPABH-03410)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

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|---------------------------|--|
| Immunogen | Recombinant Protein, antigen sequence: SMVEPCSLEDWQVCASYLKTARVNMTVRQVLATDQNFPLEPIEDEKRDISTEGFCHLDDQ NSEVKRARIN |
| Isotype | IgG |
| Source/Host | Rabbit |
| Species Reactivity | Human |
| Purification | Antigen affinity purified |
| Conjugate | Unconjugated |
| Applications | IHC, WB |
| Format | Liquid |
| Size | 100 µl |
| Buffer | 40% glycerol and PBS (pH 7.2). |
| Preservative | 0.02% Sodium Azide |
| Storage | Store at +4°C for short term storage. Long time storage is recommended at -20°C. Gently mix before use. Optimal concentrations and conditions for each application should be determined by the user. |

BACKGROUND

Introduction 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. [provided by RefSeq, Jul 2008]

Keywords ALKBH1; alkB, alkylation repair homolog 1 (*E. coli*); ABH; ABH1; alkB; hABH; ALKBH; alkylated DNA repair protein alkB homolog 1; DNA lyase ABH1; alkylation repair, alkB homolog; DNA oxidative demethylase ALKBH1; alpha-ketoglutarate-dependent dioxygenase ABH1;

GENE INFORMATION

Entrez Gene ID [8846](#)

UniProt ID [Q13686](#)