

ALKB3 Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP14185
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	Synthesized peptide derived from human protein . at AA range: 110-190
Mol wt	N/A
Species reactivity	Human, Rat, Mouse
Clonality	Polyclonal
Recommended application	WB, ELISA
Concentration	1 mg/ml
Full name	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3
Synonyms	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 3 ;EC 1.14.11.-;Alkylated DNA repair protein alkB homolog 3;DEPC-1;Prostate cancer antigen 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The Escherichia coli AlkB protein protects against the cytotoxicity of methylating agents by repair of the specific DNA lesions generated in single-stranded DNA. ALKBH2 (MIM 610602) and ALKBH3 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002)

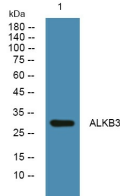
Recommended Dilution

WB: 1: 500 - 1: 2000

ELISA: 1: 5000 - 1: 20000

Not yet tested in other applications.

Images



Western blot analysis of lysates from SW480 cells, primary antibody was diluted at 1:1000, 4°C overnight

Storage

-20°C for 1 year