



ALKB2 rabbit pAb

Cat No.:ES9268

For research use only

Overview

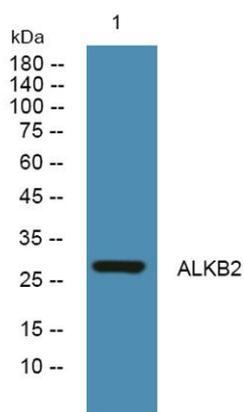
Product Name	ALKB2 rabbit pAb
Host species	Rabbit
Applications	WB;ELISA
Species Cross-Reactivity	Human;Mouse
Recommended dilutions	WB 1:500-2000 ELISA 1:5000-20000
Immunogen	Synthesized peptide derived from human protein . at AA range: 140-220
Specificity	ALKB2 Polyclonal Antibody detects endogenous levels of protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Storage	Store at -20°C. Avoid repeated freeze-thaw cycles.
Protein Name	Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2 (EC 1.14.11.33) (Alkylated DNA repair protein alkB homolog 2) (DNA oxidative demethylase ALKBH2) (Oxy DC1)
Gene Name	ALKBH2 ABH2
Cellular localization	Nucleus . Nucleus, nucleolus . Nucleus, nucleoplasm . Relocates to the replication foci during S-phase. .
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal
Concentration	1 mg/ml
Observed band	28kD
Human Gene ID	121642
Human Swiss-Prot Number	Q6NS38
Alternative Names	
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 and ALKBH3 (MIM





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610603) are *E. coli* AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine (Duncan et al., 2002 [PubMed 12486230]). [supplied by OMIM, Mar 2008],



Western blot analysis of lysates from A431 cells, primary antibody was diluted at 1:1000, 4° over night



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