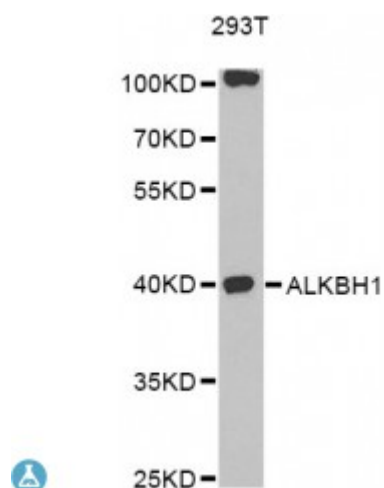


Anti-ALKBH1 Antibody



Description

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.

Model	STJ116014
Host	Rabbit
Reactivity	Human
Applications	IF, IP, WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 110-389 of human ALKBH1 (NP_006011.2).
Gene ID	8846
Gene Symbol	ALKBH1
Dilution range	WB 1:500 - 1:2000 IF 1:50 - 1:200 IP 1:20 - 1:50
Tissue Specificity	Ubiquitous
Purification	Affinity purification
Note	For Research Use Only (RUO).
Protein Name	Nucleic acid dioxygenase ALKBH1
Molecular Weight	43.832 kDa
Clonality	Polyclonal

Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:17911OMIM:605345
Alternative Names	Nucleic acid dioxygenase ALKBH1
Function	Dioxygenase that acts as on nucleic acids, such as DNA and tRNA ,
Cellular Localization	Nucleus,

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