

Anti-ALKB2 antibody



Description	Unconjugated Rabbit polyclonal to ALKB2
Model	STJ190426
Host	Rabbit
Reactivity	Human, Mouse
Applications	ELISA, WB
Immunogen	Synthesized peptide derived from human ALKB2 protein.
Immunogen Region	140-220aa
Gene ID	121642
Gene Symbol	ALKBH2
Dilution range	WB 1:500-2000 ELISA 1:5000-20000
Specificity	ALKB2 Polyclonal Antibody detects endogenous levels of protein.
Tissue Specificity	Detected in colon, small intestine, ovary, testis, prostate, skeletal muscle, heart, liver and urinary bladder.
Purification	ALKB2 antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Note	For Research Use Only (RUO).
Protein Name	DNA oxidative demethylase ALKBH2 Alkylated DNA repair protein alkB homolog 2 Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2 Oxy DC1
Molecular Weight	28 kDa

Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	Liquid form in PBS containing 50% glycerol, and 0.02% sodium azide.
Concentration	1 mg/ml
Storage Instruction	Store at -20°C, and avoid repeat freeze-thaw cycles.
Database Links	HGNC:32487OMIM:610602
Alternative Names	DNA oxidative demethylase ALKBH2 Alkylated DNA repair protein alkB homolog 2 Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2 Oxy DC1
Function	Dioxygenase that repairs alkylated DNA and RNA containing 1-methyladenine and 3-methylcytosine by oxidative demethylation. Can also repair alkylated DNA containing 1-ethenoadenine (in vitro). Has strong preference for double-stranded DNA. Has low efficiency with single-stranded substrates. Requires molecular oxygen, alpha-ketoglutarate and iron.
Cellular Localization	Nucleus. Detected in replication foci during S-phase.

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