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Datasheet for ABIN7150217
anti-ALKBH2 antibody (AA 1-261)

2 Images

Overview

Quantity:	100 µL
Target:	ALKBH2
Binding Specificity:	AA 1-261
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALKBH2 antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC)

Product Details

Immunogen:	Recombinant Human DNA oxidative demethylase ALKBH2 protein (1-261AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Antigen Affinity Purified

Target Details

Target:	ALKBH2
Alternative Name:	ALKBH2 (ALKBH2 Products)
Background:	Background: Dioxygenase that repairs alkylated DNA and RNA containing 1-methyladenine and 3-methylcytosine by oxidative demethylation. Can also repair alkylated DNA containing 1-

Target Details

ethenoadenine (in vitro). Has strong preference for double-stranded DNA. Has low efficiency with single-stranded substrates. Requires molecular oxygen, alpha-ketoglutarate and iron.

Aliases: 2OG Fe(II) oxy DC1 antibody, 9530023G02 antibody, ABH 2 antibody, ABH2 antibody, alkB alkylation repair homolog 2 antibody, ALKB2_HUMAN antibody, ALKBH2 alkB antibody, ALKBH2 antibody, Alkylated DNA repair protein alkB homolog antibody, Alkylated DNA repair protein alkB homolog 2 antibody, Alkylation repair homolog 2 antibody, Alpha ketoglutarate dependent dioxygenase alkB homolog 2 antibody, Alpha-ketoglutarate-dependent dioxygenase alkB homolog 2 antibody, AU016977 antibody, DNA oxidative demethylase ALKBH2 antibody, EC 1.14.11. antibody, FLJ99103 antibody, hABH2 antibody, mABH2 antibody, MGC90512 antibody, Oxy DC1 antibody

UniProt: [Q6NS38](#)

Pathways: [DNA Damage Repair](#)

Application Details

Application Notes: Recommended dilution: IHC:1:20-1:200,

Restrictions: For Research Use only

Handling

Format: Liquid

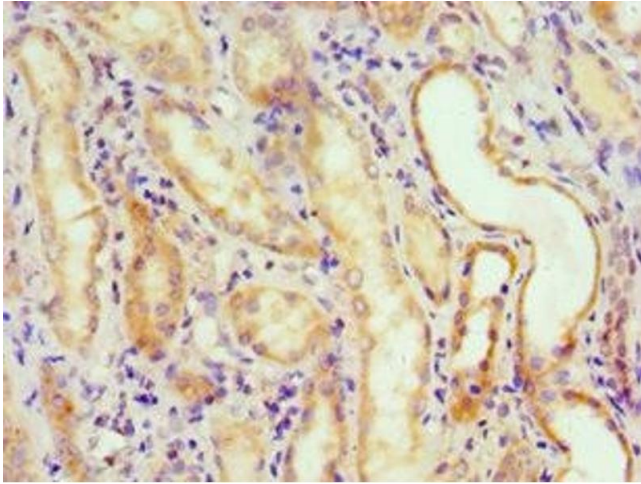
Buffer: PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3.

Preservative: Sodium azide

Precaution of Use: This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

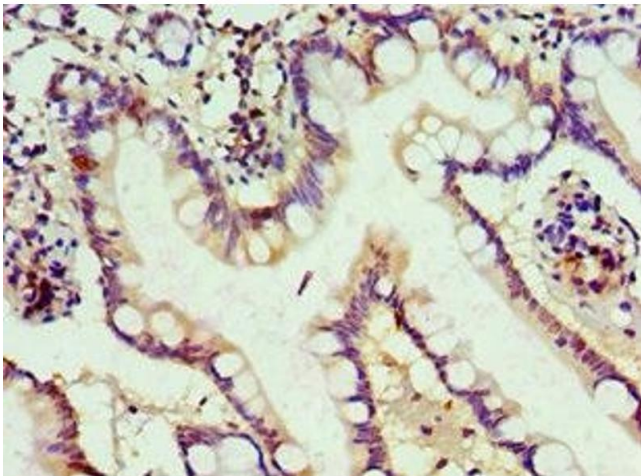
Storage: -20 °C,-80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



Immunohistochemistry

Image 1. Immunohistochemistry of paraffin-embedded human kidney tissue using ABIN7150217 at dilution of 1:100



Immunohistochemistry

Image 2. Immunohistochemistry of paraffin-embedded human small intestine tissue using ABIN7150217 at dilution of 1:100