

Anti-ALKBH2 antibody

Cat. No.	ml121447
Package	25 µl/100 µl/200 µl
Storage	-20°C, pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol

Product overview

Description	Anti-ALKBH2 rabbit polyclonal antibody
Applications	ELISA, WB
Immunogen	Fusion protein of human ALKBH2
Reactivity	Human, Mouse
Content	0.3 mg/ml
Host species	Rabbit
Ig class	Immunogen-specific rabbit IgG
Purification	Antigen affinity purification

Target information

Symbol	ALKBH2
Full name	AlkB, alkylation repair homolog 2 (E. coli)
Synonyms	ABH2
Swissprot	Q6NS38

Target 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 are E. coli AlkB homologs that catalyze the removal of 1-methyladenine and 3-methylcytosine. 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.

订购热线: 4008-898-798

Applications

Western blotting

Predicted band size: 29 kDa

Positive control: Human fetal liver and seminoma tissue, RAW264.7 cells

Recommended dilution: 500-2000

Gel: 12%SDS-PAGE

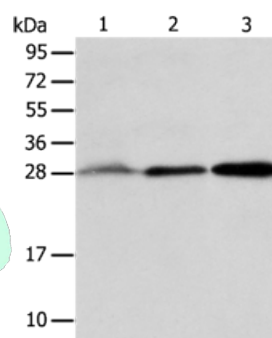
Lysate: 40 µg

Lane 1-3: Human fetal liver tissue, Human seminoma tissue,
RAW264.7 cells

Primary antibody: ml121447(ALKBH2 Antibody) at dilution
1/800

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 2 minutes



ELISA

Recommended dilution: 2000-5000

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