

Datasheet for ABIN717365
anti-ALKBH8 antibody (AA 245-350) (HRP)



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Overview

Quantity:	100 µL
Target:	ALKBH8
Binding Specificity:	AA 245-350
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALKBH8 antibody is conjugated to HRP
Application:	ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human ABH8/ALKBH8
Isotype:	IgG
Cross-Reactivity:	Rat
Predicted Reactivity:	Human,Mouse,Dog,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	ALKBH8
Alternative Name:	ABH8 (ALKBH8 Products)

Target Details

Background:	Synonyms: ABH8, alkB alkylation repair homolog 8 E. coli, alkB alkylation repair homolog 8, AlkB homologue 8, ALKB8_HUMAN, ALKBH8, Alkylated DNA repair protein alkB homolog 8, Probable alpha-ketoglutarate-dependent dioxygenase ABH8, S-adenosyl-L-methionine-dependent tRNA methyltransferase ABH8. Background: Catalyzes the methylation of 5-carboxymethyl uridine to 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in tRNA. Catalyzes the last step in the formation of 5-methylcarboxymethyl uridine at the wobble position of the anticodon loop in target tRNA. Has a preference for tRNA(Arg) and tRNA(Glu), and does not bind tRNA(Lys). Required for normal survival after DNA damage. May inhibit apoptosis and promote cell survival and angiogenesis.
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Gene ID:	91801
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Application Details

Application Notes:	IHC-P 1:200-400 IHC-F 1:100-500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Handling Advice:	Do NOT add Sodium Azide! Use of Sodium Azide will inhibit enzyme activity of horseradish peroxidase.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
Expiry Date:	12 months