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Datasheet for ABIN4995888

## anti-ALKBH8 antibody (AA 245-350) (Alexa Fluor 750)

### Overview

Quantity:	100 µL
Target:	ALKBH8
Binding Specificity:	AA 245-350
Reactivity:	Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ALKBH8 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

### 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 ( <a href="#">ALKBH8 Products</a> )

## Target Details

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**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

## Application Details

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**Application Notes:** IF(IHC-P) 1:50-200  
IF(IHC-F) 1:50-200  
IF(ICC) 1:50-200

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**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

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**Concentration:** 1 µg/µL

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**Buffer:** Aqueous buffered solution containing 0.01M TBS ( pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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**Preservative:** ProClin

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

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**Storage:** -20 °C

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**Storage Comment:** Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

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**Expiry Date:** 12 months