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Datasheet for ABIN880843

anti-ALKBH8 antibody (AA 245-350) (AbBy Fluor® 350)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | ALKBH8 |
| Binding Specificity: | AA 245-350 |
| Reactivity: | Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This ALKBH8 antibody is conjugated to AbBy Fluor® 350 |
| 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 (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.

Gene ID: 91801

Application Details

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

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.

Storage: -20 °C

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

Expiry Date: 12 months