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Datasheet for ABIN5009697

anti-RECQL5 antibody (AA 1-100) (Alexa Fluor 750)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | RECQL5 |
| Binding Specificity: | AA 1-100 |
| Reactivity: | Human |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This RECQL5 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 RECQL5 |
| Isotype: | IgG |
| Predicted Reactivity: | Human, Mouse, Rat, Dog, Cow, Pig, Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | RECQL5 |
| Alternative Name: | RECQL5 (RECQL5 Products) |
| Background: | Synonyms: ATP-dependent DNA helicase Q5, DNA helicase, RecQ like type 5, DNA helicase, |

Target Details

RECQ-like, type 5, RecQ helicase protein-like 5 beta, RecQ protein-like 5, RecQ protein-like 5, isoform CRA_b, RecQ5, Recq5b, Recql5b.

Background: RecQ helicases are implicated in DNA recombination and repair helicases and are critical in genome maintenance. RecQL5 is one of five known RecQ homologues in humans, and defects in three of these (BLM, WRN and RecQ4) are associated with autosomal recessive disorders that involve genomic instability and a predisposition to cancer. The exact role of RecQL5 is unclear. It has been shown in mouse embryonic stem (ES) cells that mutations in the Recql5 genes result in a significant increase in the frequency of sister chromatid exchange (SCE), whereas deleting Recql5 lead to an even higher frequency of SCE. There are three different RecQL5 isoforms - alpha, beta and gamma, produced by alternative splicing.

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