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Datasheet for ABIN5001397

anti-DNASE2 antibody (AA 25-90) (Alexa Fluor 750)

Overview

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|----------------------|---|
| Quantity: | 100 µL |
| Target: | DNASE2 |
| Binding Specificity: | AA 25-90 |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This DNASE2 antibody is conjugated to Alexa Fluor 750 |
| Application: | Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

Product Details

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| Immunogen: | KLH conjugated synthetic peptide derived from human DNase II alpha |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Mouse |
| Predicted Reactivity: | Rat,Dog,Cow,Sheep,Pig |
| Purification: | Purified by Protein A. |

Target Details

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|-------------------|---|
| Target: | DNASE2 |
| Alternative Name: | DNase 2 alpha (DNASE2 Products) |

Target Details

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|-------------|---|
| Background: | Synonyms: DNL, DNL2, DNASE2A, Deoxyribonuclease-2-alpha, Acid DNase, Deoxyribonuclease II alpha, DNase II alpha, Lysosomal DNase II, R31240_2, DNASE2 Background: Hydrolyzes DNA under acidic conditions with a preference for double-stranded DNA. Plays a major role in the degradation of nuclear DNA in cellular apoptosis during development. Necessary for proper fetal development and for definitive erythropoiesis in fetal liver, where it degrades nuclear DNA expelled from erythroid precursor cells. |
| Gene ID: | 1777 |
| UniProt: | O00115 |

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 |
| 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 |