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Datasheet for ABIN2806291

anti-Septin 5 antibody (AA 21-120) (Alexa Fluor 594)

Overview

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| Quantity: | 100 µL |
| Target: | Septin 5 (SEPT5) |
| Binding Specificity: | AA 21-120 |
| Reactivity: | Human, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Septin 5 antibody is conjugated to Alexa Fluor 594 |
| Application: | Western Blotting (WB), 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 CDCREL/SEPT5 |
| Isotype: | IgG |
| Cross-Reactivity: | Human, Rat |
| Predicted Reactivity: | Mouse,Dog,Cow,Pig,Horse |
| Purification: | Purified by Protein A. |

Target Details

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| Target: | Septin 5 (SEPT5) |
| Alternative Name: | Septin5 (SEPT5 Products) |

Target Details

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| Background: | <p>Synonyms: 5 Sep, CDCrel 1, CDCREL, CDCrel-1, CDCREL1, Cell division control related protein 1, Cell division control-related protein 1, H5 antibody HCDCREL 1, Peanut like 1, Peanut like 1 homolog, Peanut like protein 1, Peanut-like protein 1, Platelet glycoprotein Ib beta chain, PNUTL1, SEPT5, SEPT-5, SEPT 5, SEPT5_HUMAN, Septin 5, Septin5, Septin-5.</p> <p>Background: This gene is a member of the septin gene family of nucleotide binding proteins, originally described in yeast as cell division cycle regulatory proteins. Septins are highly conserved in yeast, Drosophila, and mouse and appear to regulate cytoskeletal organization. Disruption of septin function disturbs cytokinesis and results in large multinucleate or polyploid cells. This gene is mapped to 22q11, the region frequently deleted in DiGeorge and velocardiofacial syndromes. A translocation involving the MLL gene and this gene has also been reported in patients with acute myeloid leukemia. Alternative splicing results in multiple transcript variants. The presence of a non-consensus polyA signal (AACAAT) in this gene also results in read-through transcription into the downstream neighboring gene (GP1BB, platelet glycoprotein Ib), whereby larger, non-coding transcripts are produced. [provided by RefSeq, Dec 2010].</p> |
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| Gene ID: | 5413 |
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| UniProt: | Q99719 |
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| Pathways: | Synaptic Vesicle Exocytosis |
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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 |
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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 |
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Handling

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| | 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 |