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Datasheet for ABIN898831

## anti-GTPase, IMAP Family Member 3 Pseudogene (GIMAP3P) (AA 1-100) antibody (Alexa Fluor 350)

### Overview

|                      |  |
|----------------------|--|
| Quantity:            | 100 µL   |
| Target:              | GTPase, IMAP Family Member 3 Pseudogene (GIMAP3P)  |
| Binding Specificity: | AA 1-100   |
| Reactivity:          | Rat  |
| Host:                | Rabbit   |
| Clonality:           | Polyclonal   |
| Conjugate:           | Alexa Fluor 350  |
| Application:         | Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)) |

### Product Details

|                       |  |
|-----------------------|--|
| Immunogen:            | KLH conjugated synthetic peptide derived from mouse GIMAP3 |
| Isotype:              | IgG  |
| Cross-Reactivity:     | Rat  |
| Predicted Reactivity: | Mouse  |
| Purification:         | Purified by Protein A.                                     |

### Target Details

|                   |   |
|-------------------|---|
| Target:           | GTPase, IMAP Family Member 3 Pseudogene (GIMAP3P) |
| Alternative Name: | GIMAP3 ( <a href="#">GIMAP3P Products</a> )       |

## Target Details

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|             |  |
|-------------|--|
| Background: | <p>Synonyms: GTPase, IMAP family member 3 pseudogene, Ian4, Gimap5, 2010110D23Rik, GIMAP 3, GIMAP3, GTPase IMAP family member 3, GTPase of the immune associated protein 3, Immune associated nucleotide 4, Immunity associated nucleotide 4 protein.</p> <p>Background: GIMAP3p is a murine mitochondrial membrane protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. The IAN/GIMAP family consists of GTP-binding proteins that share a unique primary structure and whose expression is finely regulated by T-cell receptor signals. Recent studies have shown that IAN/GIMAP family proteins crucially regulate the survival of T cells during development, selection and homeostasis, and are possibly linked to the onset of T-lymphopenia, leukemia and autoimmunity. IAN/GIMAP family proteins might also take part in mitochondrial regulation of lymphocyte apoptosis by interacting with Bcl-2 family proteins. The human GIMAP (GTPase of the immunity-associated protein) gene family includes seven functional members residing on (human) chromosome 7q36.1 and one pseudogene (hGIMAP3).</p> |
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## Application Details

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| Application Notes: | IF(IHC-P) 1:50-200<br>IF(IHC-F) 1:50-200<br>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   |
| 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  |