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Datasheet for ABIN872685

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

### Overview

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

### 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) |
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## Target Details

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Alternative Name: Gimap3 ([GIMAP3P Products](#))

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Background: 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.

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).

## Application Details

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Application Notes: WB 1:300-5000  
ELISA 1:500-1000  
IHC-P 1:200-400  
IHC-F 1:100-500  
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: 0.01M TBS( pH 7.4) with 1 % BSA, 0.02 % 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 handled by trained staff only.

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## Handling

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Storage: 4 °C,-20 °C

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Storage Comment: Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

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Expiry Date: 12 months