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Datasheet for ABIN5003471

**anti-GTPase, IMAP Family Member 3 Pseudogene (GIMAP3P)
(AA 1-100) antibody (Alexa Fluor 680)**

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 680
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 (GIMAP3P Products)

Target Details

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

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

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