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Datasheet for ABIN898867

anti-GIMAP5 antibody (AA 101-200) (Biotin)

Overview

Quantity:	100 µL
Target:	GIMAP5
Binding Specificity:	AA 101-200
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIMAP5 antibody is conjugated to Biotin
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GIMAP5
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	GIMAP5
Alternative Name:	GIMAP5 (GIMAP5 Products)
Background:	Synonyms: HIMAP3, IAN4, IAN4L1, IAN5, IMAP3, FLJ11296, GIMAP 5, GTPase IMAP family

Target Details

member 5, GTPase, IMAP family member 5, immunity-associated nucleotide 5, hIAN5, IAN 5, Immune associated nucleotide 4 like 1, Immunity associated nucleotide 4 like 1 protein, Immunity associated protein 3, GIMA5_HUMAN.

Background: GIMAP5, also known as IAN5, IAN4L1 (immunity-associated nucleotide 4-like 1 protein), IAN4, IMAP3, HIMAP3 or IROD, is a 307 amino acid single-pass type IV membrane protein of the mitochondrial outer membrane. A member of the GTP-binding superfamily and the immuno-associated nucleotide (IAN) subfamily, GIMAP5 plays a role in T-cell survival and mitochondrial integrity. GIMAP5 is highly expressed in CD4 and CD8-positive T-cells and monocytes, as well as B-lymphocyte-derived neoplasms. GIMAP5 exists as two alternatively spliced isoforms and is encoded by a gene that maps to human chromosome 7q36.1. Defects in the GIMAP5 gene are associated with systemic lupus erythematosus.

Gene ID:	55340
UniProt:	Q96F15
Pathways:	Regulation of Leukocyte Mediated Immunity , Positive Regulation of Immune Effector Process , Production of Molecular Mediator of Immune Response

Application Details

Application Notes:	WB 1:300-5000 IHC-P 1:200-400 IHC-F 1:100-500
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

Handling

Storage Comment:	Store at -20°C for 12 months.
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Expiry Date:	12 months
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