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Datasheet for ABIN5003481

anti-GIMAP8 antibody (AA 551-565) (Alexa Fluor 680)

Overview

Quantity:	100 µL
Target:	GIMAP8
Binding Specificity:	AA 551-565
Reactivity:	Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIMAP8 antibody is conjugated to 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 human GIMAP8
Isotype:	IgG
Cross-Reactivity:	Mouse
Predicted Reactivity:	Human,Rat,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	GIMAP8
Alternative Name:	GIMAP8 (GIMAP8 Products)

Target Details

Background:	<p>Synonyms: GTPase IMAP family member 8, hIAN6, Human immune associated nucleotide 6, IAN9, IANT, Immune associated nucleotide, Immune-associated nucleotide-binding protein 9, Protein IanT, GIMA8_HUMAN.</p> <p>Background: The GTPase of the immunity-associated protein (GIMAP) family of proteins include seven members that are expressed by genes residing on human chromosome 7. GIMAP proteins have been implicated in the regulation of lymphomyeloid cell survival. GIMAP8, also known as IAN9 (immune-associated nucleotide-binding protein 9) or IANT, is a 665 amino acid protein that localizes to Golgi apparatus, Endoplasmic reticulum and mitochondria. Suggested to have an anti-apoptotic effect on the immune system, GIMAP8 plays a role in infection response and is encoded by a gene that maps to human chromosome 7q36.1. Chromosome 7 houses over 1,000 genes, comprises nearly 5 % of the human genome and has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome.</p>
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Gene ID:	155038
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UniProt:	Q8ND71
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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
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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 handled by trained staff only.
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Storage:	-20 °C
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Storage Comment:	Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.
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Handling

Expiry Date: 12 months