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Datasheet for ABIN5003480

anti-GIMAP7 antibody (AA 1-100) (Alexa Fluor 750)

Overview

Quantity:	100 µL
Target:	GIMAP7
Binding Specificity:	AA 1-100
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIMAP7 antibody is conjugated to Alexa Fluor 750
Application:	Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human GIMAP7
Isotype:	IgG
Predicted Reactivity:	Human
Purification:	Purified by Protein A.

Target Details

Target:	GIMAP7
Alternative Name:	GIMAP7 (GIMAP7 Products)
Background:	Synonyms: GTPase IMAP family member 7, hIAN7, IAN 7, IAN7, Immune associated nucleotide,

Target Details

immunity associated nucleotide 7 protein, MGC27027, GIMA7_HUMAN.

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. GIMAP7 (GTPase IMAF family member 7), also known as IAN7 (immunity-associated nucleotide 7), is a 300 amino acid protein encoded by a gene that maps to human chromosome 7q36.1.

Chromosome 7 has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. The deletion of a portion of the q arm of chromosome 7 is associated with Williams-Beuren syndrome, a condition characterized by mild mental retardation, an unusual comfort and friendliness with strangers and an elfin appearance. Deletions of portions of the q arm of chromosome 7 are also seen in a number of myeloid disorders including cases of acute myelogenous leukemia and myelodysplasia.

Gene ID: 168537

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months