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GIMAP4 Polyclonal Antibody

Catalog # AP70087

Product Information

Application	WB, IHC-P, IF, ICC, E
Primary Accession	Q9NUV9
Reactivity	Human, Rat, Mouse
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37534

Additional Information

Gene ID	55303
Other Names	GIMAP4; IAN1; IMAP4; MSTP062; GTPase IMAP family member 4; Immunity-associated nucleotide 1 protein; IAN-1; hIAN1; Immunity-associated protein 4
Dilution	WB~~Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications. IHC-P~~N/A IF~~1:50~200 ICC~~N/A E~~N/A
Format	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium azide.
Storage Conditions	-20℃

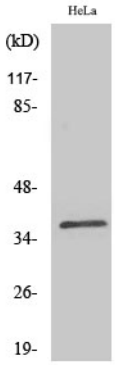
Protein Information

Name	GIMAP4
Synonyms	IAN1, IMAP4
Function	During thymocyte development, may play a role in the regulation of apoptosis (By similarity). GTPase which exhibits a higher affinity for GDP than for GTP.
Cellular Location	Cytoplasm, cytosol.
Tissue Location	Highly expressed in spleen and peripheral blood leukocytes that contain mostly T- and B-lymphocytes. Expressed specifically in resting T- and B-lymphocytes and expression significantly decreases during B- or T-lymphocyte activation. Expressed at lower levels in thymus, ovary, colon and small intestine

Background

May play a role in regulating lymphocyte apoptosis (By similarity). Exhibits intrisinic GTPase activity. Shows a higher affinity for GDP over GTP (about 12-fold higher), and binding shows an absolute requirement for magnesium.

Images



Western Blot analysis of various cells using GIMAP4 Polyclonal Antibody

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.