

GIMAP4 Polyclonal Antibody

Catalog # AP70087

Product Information

ApplicationWB, IHC-PPrimary AccessionQ9NUV9ReactivityHumanHostRabbitClonalityPolyclonalCalculated MW37534

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

Format Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.09% (W/V) sodium

azide.

Storage Conditions -20°C

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

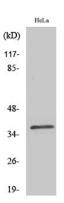
mostly T- and B-lymphocytes. Expressed specifically in resting T- and B-lymphocytes and expression significantly decreases during B- or T-lymphocyte activation. Expressed at lower levels in thymus, ovary, colon

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

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