

GIMAP4 Polyclonal Antibody

Catalog # AP70087

Product Information

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|--------------------------|------------------------|
| Application | WB, IHC-P |
| Primary Accession | Q9NUV9 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Calculated MW | 37534 |

Additional Information

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|---------------------------|--|
| 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

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|--------------------------|--|
| 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 intrinsic 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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