

Anti-GIMAP4 Antibody

Rabbit polyclonal antibody to GIMAP4

Catalog # AP59849

Product Information

Application	WB, IP, IHC
Primary Accession	Q9NUV9
Reactivity	Human, Mouse, Rat
Host	Rabbit
Clonality	Polyclonal
Calculated MW	37534

Additional Information

Gene ID	55303
Other Names	IAN1; IMAP4; GTPase IMAP family member 4; Immunity-associated nucleotide 1 protein; IAN-1; hIAN1; Immunity-associated protein 4
Target/Specificity	Recognizes endogenous levels of GIMAP4 protein.
Dilution	WB~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100) IP~~N/A IHC~~WB (1/500 - 1/1000), IHC (1/100 - 1/200), IP (1/10 - 1/100)
Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.09% (W/V) sodium azide.
Storage	Store at -20 °C.Stable for 12 months from date of receipt

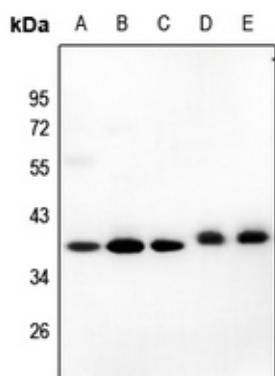
Protein Information

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

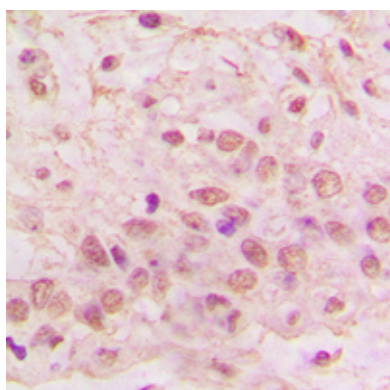
Background

KLH-conjugated synthetic peptide encompassing a sequence within the center region of human GIMAP4. The exact sequence is proprietary.

Images



Western blot analysis of GIMAP4 expression in CT26 (A), HCT116 (B), A2780 (C), mouse spleen (D), rat spleen (E) whole cell lysates.



Immunohistochemical analysis of GIMAP4 staining in human lung cancer formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

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