

Rabbit anti-Human GIMAP4 Polyclonal Antibody | anti-GIMAP4 antibody

GIMAP4 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA324767	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

GIMAP4; Polyclonal Antibody; GIMAP4 Antibody; FLJ111110; GIMA4_HUMAN; Gimap4; GTPase IMAP family member 4; hIAN1; HIMAP4; Human immune associated nucleotide 1; IAN-1; IAN1; IMAP4; Immunity associated nucleotide 1 protein; Immunity associated protein 4; Immunity-associated nucleotide 1 protein; Immunity-associated protein 4; MSTP062; anti-GIMAP4 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	GIMAP4 antibody detects endogenous levels of total GIMAP4
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	329
Applicable Applications for anti-GIMAP4 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide
Subcellular Location	Cytosol
Tissue Specificity	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.
Predicted Cross Reactivity	Dog
Similarity	Dog (88%)
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of extracts from HeLa cells using GIMAP4 antibody.



IF (Immunofluorescence)

AAA324767 staining HeLa cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-GIMAP4 antibody	Function: 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. Post-translational Modifications: Phosphorylated at very low levels in resting splenocytes. Rapidly and transiently phosphorylated in response to splenocyte activation (By similarity). Similarity: Belongs to the TRAFAC class TrmE-Era-EngA-EngB-Septin-like GTPase superfamily. AIG1/Toc34/Toc159-like paraseptin GTPase family. IAN subfamily.
--	---

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922873
NCBI GeneID	55303
NCBI Accession #	NP_060796.1
NCBI GenBank Nucleotide #	NM_018326.2
UniProt Accession #	Q9NUV9
Molecular Weight	Observed: 38 kD Predicted: 38 kDa
NCBI Official Full Name	GTPase IMAP family member 4 isoform 1
NCBI Official Synonym Full Names	GTPase, IMAP family member 4
NCBI Official Symbol	GIMAP4
NCBI Official Synonym Symbols	IAN1; IAN-1; IMAP4; MSTP062
NCBI Protein Information	GTPase IMAP family member 4
UniProt Protein Name	GTPase IMAP family member 4
UniProt Gene Name	GIMAP4
UniProt Synonym Gene Names	IAN1; IMAP4; IAN-1; hIAN1

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/gimap4-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/324767>