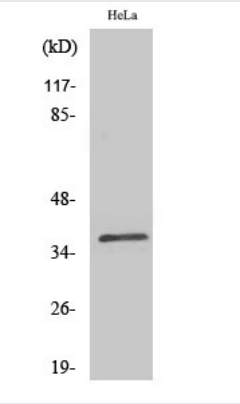
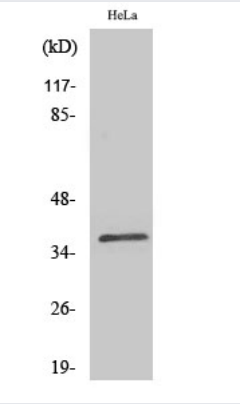
GIMAP4 Antibody – Rabbit Polyclonal

PRODUCT OVERVIEW

Product Name	GIMAP4, Polyclonal Antibody
Full Product Name	GIMAP4 Polyclonal Antibody
Product Gene Name	anti-GIMAP4 antibody
Product Synonym Names	GIMAP4; IAN1; IMAP4; MSTP062; GTPase IMAP family member 4; Immunity-associated nucleotide 1 protein; IAN-1; hIAN1; Immunity-associated protein 4
Clonality	Polyclonal
Host	Rabbit
Species Reactivity	Human
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.
Molecular Weight	37,534 Da
Chromosome Location	Chromosome: 7; NC_000007.13 (150264458..150271041). Location: 7q36.1
OMIM	608087
3D Structure	ModBase 3D Structure for Q9NUV9
Applications Tested/Suitable for anti-GIMAP4 antibody	Western Blot (WB), Immunohistochemistry-Paraffin (IHC-P)
Related Product Information for anti-GIMAP4 antibody	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.
Other Notes	Small volumes of anti-GIMAP4 antibody vial(s) may occasionally become entrapped in the seal of the product vial during shipment and storage. If necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the container`s cap. Certain products may require to ship with dry ice and additional dry ice fee may apply.
Searchable Terms for GIMAP4 purchase	MBS9243766 is an antibody targeting GIMAP4. Also known as GIMAP4 Polyclonal Antibody. Reactive in Human. Host: Rabbit.



Wester Blot (WB) of anti-GIMAP4 antibody
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.



Western Blot (WB) of anti-GIMAP4 antibody
Dilution: Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/5000. Not yet tested in other applications.

ADDITIONAL DETAILS

NCBI/Uniprot data below describe general gene information for GIMAP4. It may not necessarily be applicable to this product.

NCBI GI #	8922873
NCBI GeneID	55303
NCBI Accession #	NP_060796.1
UniProt Primary Accession #	Q9NUV9
UniProt Related Accession #	Q9NUV9
GenBank Nucleotide #	NM_018326.2
NCBI Official Full Name	GTPase IMAP family member 4
NCBI Official Synonym Full Names	GTPase, IMAP family member 4
NCBI Official Symbol	GIMAP4
NCBI Official Synonym Symbols	IAN1; IAN-1; IMAP4; MSTP062
UniProt Protein Name	GTPase IMAP family member 4
UniProt Synonym Protein Names	Immunity-associated nucleotide 1 protein; IAN-1; hIAN1; Immunity-associated protein 4
Protein Family	GTPase IMAP family
UniProt Gene Name	GIMAP4
UniProt Synonym Gene Names	IAN1; IMAP4; IAN-1; hIAN1
UniProt Entry Name	GIMA4_HUMAN
NCBI Protein Information	GTPase IMAP family member 4; immunity associated protein 4; immunity-associated protein 4; human immune associated nucleotide 1; immunity-associated nucleotide 1 protein
NCBI Summary for GIMAP4	This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. The encoded protein of this gene may be negatively regulated by T-cell acute lymphocytic leukemia 1 (TAL1). In humans, the IAN subfamily genes are located in a cluster at 7q36.1. [provided by RefSeq, Jul 2008]
UniProt Comments for GIMAP4	GIMAP4: May play a role in regulating lymphocyte apoptosis. Exhibits intrisinic GTPase activity. Shows a higher affinity for GDP over GTP (about 12-fold higher), and binding shows an absolute requirement for magnesium. Belongs to the IAN GTP-binding protein family. Protein type: Hydrolase Chromosomal Location of Human Ortholog: 7q36.1 Cellular Component: cytosol Molecular Function: GTP binding
Research Articles on GIMAP4	**1.** Observational study of gene-disease association. (HuGE Navigator)
Precautions	All of MyBioSource's Products are for scientific laboratory research purposes and are not for diagnostic, therapeutics, prophylactic or in vivo use. Through your purchase, you expressly represent and warrant to MyBioSource that you will properly test and use any Products purchased from MyBioSource in accordance with industry standards. MyBioSource and its authorized distributors reserve the right to refuse to process any order where we reasonably believe that the intended use will fall outside of our acceptable guidelines.

Disclaimer	While every efforts were made to ensure the accuracy of the information provided in this datasheet, MyBioSource will not be liable for any omissions or errors contained herein. MyBioSource reserves the right to make changes to this datasheet at any time without prior notice. It is the responsibility of the customer to report product performance issues to MyBioSource within 30 days of receipt of the product. Please visit our Terms & Conditions page for more information.
Product Note	Select online data sheet information is drawn from bioinformatics databases, occasionally resulting in ambiguous or non-relevant product information. It is the responsibility of the customer to review, verify, and evaluate the information to make sure it matches their requirements before purchasing the kit. Our ELISA Kit assays are dynamic research tools and sometimes they may be updated and improved. If the format of this assay is important to you then please request the current manual or contact our technical support team with a presales inquiry before placing an order. We will confirm the current details of the assay. We cannot guarantee the sample manual posted online is the most current manual, it is intended to serve as an example only. Please refer to the instructions For Use provided with the assay kit for precise details.

For Research Use Only. Not for use in diagnostic or therapeutic procedures.

MyBioSource | Tel: +1.858.633.0165 | Fax: +1.858.633.0166 | mybiosource.com/contact-us
Online datasheet: https://www.mybiosource.com/polyclonal-human-antibody/gimap4/9243766