

# Immunotag™ GIMAP5 Polyclonal Antibody

Antibody Specification	
Catalog No.	ITT1905
Product Description	Immunotag™ GIMAP5 Polyclonal Antibody
Size	50 µg, 100 µg
Conjugation	HRP, Biotin, FITC, Alexa Fluor® 350, Alexa Fluor® 405, Alexa Fluor® 488, Alexa Fluor® 555, Alexa Fluor® 594, Alexa Fluor® 647
IMPORTANT NOTE	This product is custom manufactured with a lead time of 3-4 weeks. Once in production, this item cannot be cancelled from an order and is not eligible for return.
Target Protein	GIMAP-5
Clonality	Polyclonal
Storage/Stability	-20°C/1 year
Application	WB,IHC-p,ELISA
Recommended Dilution	Western Blot: 1/500 - 1/2000. Immunohistochemistry: 1/100 - 1/300. ELISA: 1/20000. Not yet tested in other applications.
Concentration	1 mg/ml
Reactive Species	Human
Host Species	Rabbit
Immunogen	The antiserum was produced against synthesized peptide derived from human GIMAP5. AA range:231-280
Specificity	GIMAP5 Polyclonal Antibody detects endogenous levels of GIMAP5 protein.
Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Gene Name	GIMAP5
Accession No.	Q96F15 Q8BWF2
Alternate Names	GIMAP5; IAN4L1; IAN5; IMAP3; GTPase IMAP family member 5; Immunity-associated nucleotide 4-like 1 protein; Immunity-associated nucleotide 5 protein; IAN-5; hIAN5; Immunity-associated protein 3

## Antibody Specification

Description	GTPase, IMAP family member 5(GIMAP5) Homo sapiens This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. This gene encodes an antiapoptotic protein that functions in T-cell survival. Polymorphisms in this gene are associated with systemic lupus erythematosus. Read-through transcription exists between this gene and the neighboring upstream GIMAP1 (GTPase, IMAP family member 1) gene. [provided by RefSeq, Dec 2010],
Protein Expression	B-cell,Histiocytic lymphoma,Lung,Placenta,
Subcellular Localization	mitochondrial outer membrane,lysosome,integral component of membrane,
Protein Function	function:Required for mitochondrial integrity and T-cell survival. May contribute to T-cell quiescence.,similarity:Belongs to the IAN GTP-binding protein family.,tissue specificity:Widely expressed with high levels in lymph node and spleen. High expression found in CD4 and CD8-positive T-cells and monocytes with very low levels in B-lymphocytes. Highly expressed in B-lymphocyte-derived neoplasms.,
Usage	For Research Use Only! Not for diagnostic or therapeutic procedures.