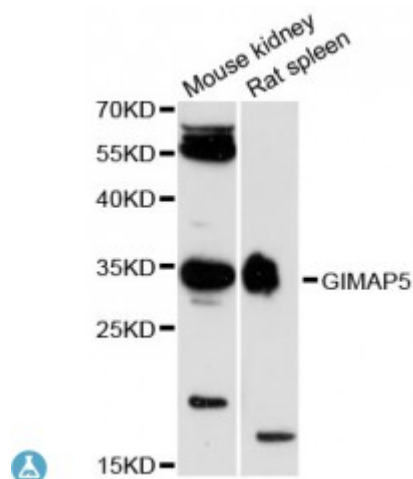


Anti-GIMAP5 Antibody



Description

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.

Model	STJ116322
Host	Rabbit
Reactivity	Mouse, Rat
Applications	WB
Immunogen	Recombinant fusion protein containing a sequence corresponding to amino acids 190-270 of human GIMAP5 (NP_060854.2).
Gene ID	55340
Gene Symbol	GIMAP5
Dilution range	WB 1:500 - 1:2000
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
Purification	Affinity purification
Note	For Research Use Only (RUO).

Protein Name	GTPase IMAP family member 5 Immunity-associated nucleotide 4-like 1 protein Immunity-associated nucleotide 5 protein IAN-5 hIAN5 Immunity-associated protein 3
Molecular Weight	34.846 kDa
Clonality	Polyclonal
Conjugation	Unconjugated
Isotype	IgG
Formulation	PBS with 0.02% sodium azide, 50% glycerol, pH7.3.
Storage Instruction	Store at -20C. Avoid freeze / thaw cycles.
Database Links	HGNC:18005OMIM:608086
Alternative Names	GTPase IMAP family member 5 Immunity-associated nucleotide 4-like 1 protein Immunity-associated nucleotide 5 protein IAN-5 hIAN5 Immunity-associated protein 3
Function	Required for mitochondrial integrity and T-cell survival, May contribute to T-cell quiescence ,
Cellular Localization	Mitochondrion outer membrane

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