

Anti-Human GIMAP5 Polyclonal Antibody**Polyclonal Antibody****Cat.NO.: PA04191**

3th Edition

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. GIMAP5 (GTPase, IMAP Family Member 5) is a Protein Coding gene. Diseases associated with GIMAP5 include Diabetes Mellitus, Insulin-Dependent, 2 and Diabetes Mellitus, Insulin-Dependent, 4. Among its related pathways are Apoptosis and Autophagy and NF-kappaB Signaling. GO annotations related to this gene include GTP binding. An important paralog of this gene is GIMAP1-GIMAP5.

Antigen: Synthesized peptide derived from the C-terminal region of human GIMAP5

Form:

How to use: 1.0 ml distilled water will be added to the product

Stability: Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

Dilution: PBS (pH7.4) containing 1% BSA

Application: This antibody can be used for western blotting in concentration of 1?5?g/ml.

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.