

**GIMAP8 Antibody (N-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP13234a****Specification**

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**GIMAP8 Antibody (N-term) Blocking Peptide - Product Information**

Primary Accession [Q8ND71](#)

**GIMAP8 Antibody (N-term) Blocking Peptide - Additional Information**

**Gene ID** 155038

**Other Names**

GTPase IMAP family member 8, Immune-associated nucleotide-binding protein 9, IAN-9, Protein Iant, GIMAP8, IAN9, IANT

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP13234a was selected from the N-term region of GIMAP8. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**GIMAP8 Antibody (N-term) Blocking Peptide - Protein Information**

**Name** GIMAP8

**Synonyms** IAN9, IANT

**Function**

Exerts an anti-apoptotic effect in the immune system and is involved in responses to infections.

**Cellular Location**

Endoplasmic reticulum {ECO:0000250|UniProtKB:Q75N62}. Golgi apparatus {ECO:0000250|UniProtKB:Q75N62}. Mitochondrion {ECO:0000250|UniProtKB:Q75N62}. Cytoplasm, cytosol

**Tissue Location**

Expressed in the spleen, intestine, liver, and colon, as well as in lung, placenta, kidney, muscle, and heart. Extremely low expression, if any, in brain, in thymus, bone marrow, and blood.

leukocytes (PubMed:15474311). Detected in T-cells (PubMed:23454188).

### **GIMAP8 Antibody (N-term) Blocking Peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

### **GIMAP8 Antibody (N-term) Blocking Peptide - Images**

### **GIMAP8 Antibody (N-term) Blocking Peptide - Background**

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.

### **GIMAP8 Antibody (N-term) Blocking Peptide - References**

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) : Davila, S., et al. Genes Immun. 11(3):232-238(2010) Dion, C., et al. Int. Immunol. 17(9):1257-1268(2005) Krucken, J., et al. Gene 341, 291-304 (2004) : Cambot, M., et al. Blood 99(9):3293-3301(2002)