

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

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)