SunLong Biotech Co.,LTD
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[Marker Primary Antibody]

Rabbit Anti-GIMAP1/HRP Conjugated antibody

Catalog Number: SL8267R-HRP

FOR RESEARCH USE ONLY

[DATASHEET]

Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Target:	Anti-GIMAP1/HRP
Immunogen:	KLH conjugated synthetic peptide derived from human GIMAP1
Purification:	affinity purified by Protein A
Concentration:	1mg/ml
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 1M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Applications:	IHC-P=1:100-500 IHC-F=1:100-500 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Reactivity:	Rat(predicted:Human,Mouse,Horse,Rabbit)
Background:	background: The GTPase of the immunity-associated protein (GIMAP) family of proteins include seven members that are expressed by genes residing on human chromosome 7. GIMAP proteins have been implicated in the regulation of lymphomyeloid cell survival. GIMAP1 (GTPase, IMAP family member 1), also known as IMAP1 (immunity-associated protein 1), HIMAP1 or IMAP38, is a 306 amino acid single-pass type IV membrane protein of the endoplasmic reticulum (ER) belonging to the GIMAP family. Encoded by a gene located on human chromosome 7, GIMAP1 is expressed primarily in spleen with lower levels found in lymph node. Chromosome 7 houses over 1,000 genes, comprises nearly 5% of the human genome and has been linked to Osteogenesis imperfecta, Pendred syndrome, Lissencephaly, Citrullinemia and Shwachman-Diamond syndrome. **Function:** May regulate lymphocyte survival. Required for normal levels of mature T-lymphocytes and mature B-cells (By similarity).

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

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	Subcellular Location: Endoplasmic reticulum membrane; Single-pass type IV membrane protein. Golgi apparatus membrane (By similarity). **Tissue Specificity:** Predominantly expressed in the spleen and to a lesser extent in the lymph nodes. **Similarity:** Belongs to the IAN GTP-binding protein family. **Database links:** UniProtKB/Swiss-Prot: Q8WWP7.1 Important **Note:** This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.