

## Rabbit Anti-GIMAP4/Biotin Conjugated antibody

SL8270R-Bio

<b>Product Name</b>	Anti-GIMAP4/Biotin
<b>Chinese Name</b>	生物素标记的 GTP 酶 IMAP 家族成员 4 抗体
<b>Alias</b>	GTPase, IMAP family member 3 pseudogene; Ian4; Gimap5; 2010110D23Rik; GIMAP 3; GIMAP3; GTPase IMAP family member 3; GTPase of the immune associated protein 3; Immune associated nucleotide 4; Immunity associated nucleotide 4 protein; GIMA4_HUMAN.
<b>Research Area</b>	Cell biology immunology Stem cells t-lymphocyte b-lymphocyte
<b>Immunogen Species</b>	Rabbit
<b>Clonality</b>	Polyclonal
<b>React Species</b>	(predicted:Human,Mouse,Rat,Pig,Cow,Sheep)
<b>Applications</b>	WB=1000-10000,ELISA=1:500-5000 not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
<b>Molecular weight</b>	38kDa
<b>Form</b>	Lyophilized or Liquid
<b>Concentration</b>	1mg/ml
<b>immunogen</b>	KLH conjugated synthetic peptide derived from human GIMAP4
<b>Lsotype</b>	IgG
<b>Purification</b>	affinity purified by Protein A
<b>Storage Buffer</b>	1M TBS(pH7.4) with 1% BSA, 3% Proclin300 and 50% Glycerol.
<b>Storage</b>	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.
<b>Product Detail</b>	<b>background:</b> Exhibits intrinsic GTPase activity. Shows a higher affinity for GDP over GTP (about 12-fold higher), and binding shows an absolute requirement for magnesium.

**Tissue specificity:**

Highly expressed in spleen and peripheral blood leukocytes that contain mostly T- and B-lymphocytes. Expressed specifically in resting T- and B-lymphocytes and expression significantly decreases during B- or T-lymphocyte activation. Expressed at lower levels in thymus, ovary, colon and small intestine.

**Function:**

May play a role in regulating lymphocyte apoptosis (By similarity). Exhibits intrinsic GTPase activity. Shows a higher affinity for GDP over GTP (about 12-fold higher), and binding shows an absolute requirement for magnesium.

**Subcellular Location:**

Cytoplasm, cytosol (By similarity).

**Tissue Specificity:**

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**Post-translational modifications:**

Phosphorylated at very low levels in resting splenocytes. Rapidly and transiently phosphorylated in response to splenocyte activation (By similarity).

**Similarity:**

Belongs to the IAN GTP-binding protein family.

**Database links:**

UniProtKB/Swiss-Prot: Q9NUV9.1

**Important Note:**

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