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**Product Name: GIMAP5 Rabbit Polyclonal Antibody****Catalog #: APRab11444**

For research use only.

**Summary**

<b>Description</b>	Rabbit polyclonal Antibody
<b>Host</b>	Rabbit
<b>Application</b>	WB,IHC,ICC/IF,ELISA
<b>Reactivity</b>	Human,Rat,Mouse
<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal
<b>Form</b>	Liquid
<b>Concentration</b>	1mg/ml
<b>Storage</b>	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
<b>Shipping</b>	Ice bags
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% New type preservative N.
<b>Purification</b>	Affinity purification

**Application**

<b>Dilution Ratio</b>	WB 1:500-1:2000,IHC 1:100-1:300,ICC/IF 1:50-1:200,ELISA 1:10000-1:20000
<b>Molecular Weight</b>	35kDa

**Antigen Information**

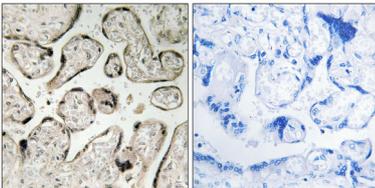
<b>Gene Name</b>	GIMAP5 GIMAP5; IAN4L1; IAN5; IMAP3; GTPase IMAP family member 5; Immunity-associated
<b>Alternative Names</b>	nucleotide 4-like 1 protein; Immunity-associated nucleotide 5 protein; IAN-5; hIAN5; Immunity-associated protein 3
<b>Gene ID</b>	55340.0
<b>SwissProt ID</b>	Q96F15
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from human GIMAP5. AA range:231-280

## Background

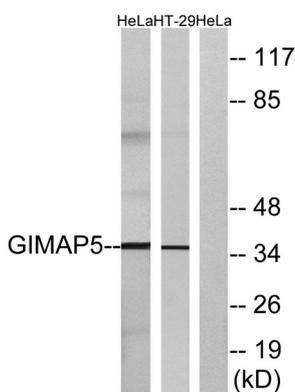
This gene encodes a protein belonging to the GTP-binding superfamily and to the immuno-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. This gene encodes an antiapoptotic protein that functions in T-cell survival. 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. [provided by RefSeq, Dec 2010],function:Required for mitochondrial integrity and T-cell survival. May contribute to T-cell quiescence.,similarity:Belongs to the IAN GTP-binding protein family.,tissue 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,.

## Research Area

## Image Data



Immunohistochemistry analysis of paraffin-embedded human placenta tissue, using GIMAP5 Antibody. The picture on the right is blocked with the synthesized peptide.



Western blot analysis of lysates from HeLa and HT-29 cells, using GIMAP5 Antibody. The lane on the right is blocked with the synthesized peptide.



Western Blot analysis of various cells using GIMAP5 Polyclonal Antibody