

GIMAP5 Polyclonal Antibody

Catalog number: 11068-1-AP

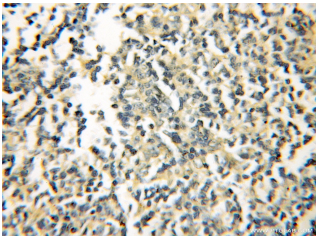
Size: 45 µg/150 µl

Source: Rabbit

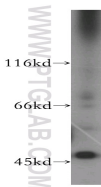
Isotype: IgG

Synonyms:

GIMAP5; FLJ11296, GIMAP5, GTPase IMAP family member 5, GTPase, IMAP family member 5, hIAN5, HIMAP3, IAN 5, IAN4, IAN4L1, IAN5, IMAP3, Immunity associated protein 3



Immunohistochemical of paraffin-embedded human lymphoma using 11068-1-AP(GIMAP5 antibody) at dilution of 1:50 (under 10x lens)



Jurkat cells were subjected to SDS PAGE followed by western blot with 11068-1-AP(GIMAP5 antibody) at dilution of 1:500

Background

GIMAP5 gene encodes immunity-associated nucleotide 5 protein (IAN5) belonging to GTPase immune-associated protein subfamily. GIMAP5 is widely expressed with high levels in lymph node and spleen. The loss of Gimap5 (GTPase of the 5) gene function is the underlying cause of lymphopenia and autoimmune diabetes in the BioBreeding (BB) rat. Mouse gimap5 is necessary for the survival of peripheral T cells, NK/NKT-cell development, hematopoietic progenitor cell survival and the maintenance of normal liver function. GIMAP5 may regulate T lymphocyte survival by mechanisms that operate upstream of mitochondria.

Applications

Tested applications:	ELISA, WB, IHC
Cited applications:	WB
Species specificity:	Human; other species not tested.
Cited species:	Human
Calculated GIMAP5 MW:	35 kDa
Observed GIMAP5 MW:	45-50 kDa
Positive WB detected in	Jurkat cells, U-937 cells
Positive IHC detected in	Human lymphoma tissue
Recommended dilution:	WB: 1:200-1:2000 IHC: 1:20-1:200

Application key: WB = Western blotting, IHC = Immunohistochemistry, IF = Immunofluorescence, IP = Immunoprecipitation

Immunogen information

Immunogen:	Ag1509
GenBank accession number:	BC011732
Gene ID (NCBI):	55340
Full name:	GTPase, IMAP family member 5

Product information

Purification method:	Antigen affinity purification
Storage:	PBS with 0.1% sodium azide and 50% glycerol pH 7.3. Store at -20°C.