

GIMAP4 polyclonal antibody

Catalog: BS61682

Host: Rabbit

Reactivity: Human, Mouse, Rat

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. GIMAP4 (GTPase IMAP family member 4), also known as IMAP4 (immunity-associated protein 4) and IAN1 (immunity-associated nucleotide 1 protein), is a 329 amino acid protein that contains 5 motifs that are conserved in GTP-binding proteins and a C-terminal coiledcoiled region that may be responsible for protein-protein interactions. GIMAP4 exhibits intrinsic GTPase activity that is highly dependent on magnesium concentration to bind GDP. Showing differential regulation during T-helper cell differentiation, GIMAP4 appears to regulate the apoptosis of T cells. GIMAP4 is specifically expressed in resting T and B lymphocytes and its protein expression is appreciably decreased upon T or B lymphocyte activation.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 37 kDa

Swiss-Prot:

Q9NUV9

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

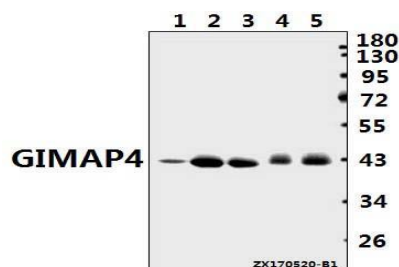
Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

GIMAP4 polyclonal antibody detects endogenous levels of GIMAP4 protein.

DATA:



Western blot (WB) analysis of GIMAP4 polyclonal antibody at 1:500 dilution

Lane1:CT26 whole cell lysate(40ug)

Lane2:HCT116 whole cell lysate(40ug)

Lane3:A2780 whole cell lysate(40ug)

Lane4:The Spleen tissue lysate of Mouse(40ug)

Lane5:The Spleen tissue lysate of Rat(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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