

Datasheet for ABIN7599135

anti-GTPase, IMAP Family Member 1 (GIMAP1) (AA 1-238) antibody



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GTPase, IMAP Family Member 1 (GIMAP1)
Binding Specificity:	AA 1-238
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	Un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GIMAP1 Antibody Picoband®
Immunogen:	E.coli-derived human GIMAP1 recombinant protein (Position: M1-E238). Human GIMAP1 shares 70.5% amino acid (aa) sequence identity with mouse GIMAP1.
Characteristics:	Anti-GIMAP1 Antibody Picoband® (ABIN7599135). Tested in WB, Flow Cytometry, ELISA applications. This antibody reacts with Human. The brand Picoband indicates this is a premium antibody that guarantees superior quality, high affinity, and strong signals with minimal background in Western blot applications. Only our best-performing antibodies are designated as Picoband, ensuring unmatched performance.
Purification:	Immunogen affinity purified.

Target Details

Target:	GTPase, IMAP Family Member 1 (GIMAP1)
Alternative Name:	GIMAP1 (GIMAP1 Products)
Background:	This gene encodes a protein belonging to the GTP-binding superfamily and to the immun-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. In humans, the IAN subfamily genes are located in a cluster at 7q36.1. This gene is thought to be involved in the differentiation of T helper (Th) cells of the Th1 lineage, and the related mouse gene has been shown to be critical for the development of mature B and T lymphocytes. Read-through transcription exists between this gene and the downstream GIMAP5 (GTPase, IMAP family member 5) gene.
Molecular Weight:	36 kDa
Gene ID:	170575

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1x10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Stamm, O., Krucken, J., Schmitt-Wrede, H.-P., Benten, W. P. M., Wunderlich, F. Human ortholog to mouse imap38 encoding an ER-localizable G-protein belongs to a gene family clustered on chromosome 7q32-q36. Gene 282: 159-167, 2002.
Restrictions:	For Research Use only

Handling

Format:	Lyophilized
Reconstitution:	Adding 0.2 mL of distilled water will yield a concentration of 500 µg/mL.
Concentration:	500 µg/mL
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na ₂ HPO ₄ .
Storage:	4 °C,-20 °C
Storage Comment:	At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month. It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing.