

Datasheet for ABIN7601972
anti-GIMAP4 antibody (AA 53-224)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	GIMAP4
Binding Specificity:	AA 53-224
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This GIMAP4 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (IHC), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-GIMAP4 Antibody Picoband®
Immunogen:	E.coli-derived human GIMAP4 recombinant protein (Position: R53-R224). Human GIMAP4 shares 66.7% and 65.7% amino acid (aa) sequence identity with mouse and rat GIMAP4, respectively.
Characteristics:	Anti-GIMAP4 Antibody Picoband® (ABIN7601972). Tested in WB, IHC, Flow Cytometry, ELISA applications. This antibody reacts with Human, Mouse, Rat. 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:	GIMAP4
Alternative Name:	GIMAP4 (GIMAP4 Products)
Background:	GTPase IMAP family member 4 is an enzyme that in humans is encoded by the GIMAP4 gene. This gene encodes a protein belonging to the GTP-binding superfamily and to the immun-associated nucleotide (IAN) subfamily of nucleotide-binding proteins. The encoded protein of this gene may be negatively regulated by T-cell acute lymphocytic leukemia 1 (TAL1). In humans, the IAN subfamily genes are located in a cluster at 7q36.1.
Molecular Weight:	38 kDa
Gene ID:	55303

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Immunohistochemistry, 2-5 µg/mL, Human, Rat Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Cambot, M., Aresta, S., Kahn-Perles, B., de Gunzburg, J., Romeo, P.-H. Human immune associated nucleotide 1: a member of a new guanosine triphosphatase family expressed in resting T and B cells. Blood 99: 3293-3301, 2002. 2. 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.