

Datasheet for ABIN7601227
anti-PNLIPRP2 antibody (AA 30-469)



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Overview

Quantity:	100 µg
Target:	PNLIPRP2
Binding Specificity:	AA 30-469
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PNLIPRP2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-PNLIPRP2 Antibody Picoband®
Immunogen:	E.coli-derived human PNLIPRP2 recombinant protein (Position: D30-C469).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PNLIPRP2 Antibody Picoband® (ABIN7601227). Tested in ELISA, Flow Cytometry, IF, ICC, WB 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:	PNLIPRP2
Alternative Name:	PNLIPRP2 (PNLIPRP2 Products)
Background:	<p>Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7</p> <p>Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.</p> <p>Background: This gene encodes a lipase that hydrolyzes galactolipids, the main components of plant membrane lipids. An allelic polymorphism in this gene results in both coding and non-coding variants, the reference genome represents the non-coding allele.</p>
Molecular Weight:	52 kDa
Gene ID:	5408
UniProt:	P54317
Pathways:	Lipid Metabolism

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Mouse, Rat</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg /1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Giller, T., Buchwald, P., Blum-Kaelin, D., Hunziker, W. Two novel human pancreatic lipase related proteins, hPLRP1 and hPLRP2: differences in colipase dependence and in lipase activity. J. Biol. Chem. 267: 16509-16516, 1992. 2. Grusby, M. J., Nabavi, N., Wong, H., Dick, R. F., Bluestone, J. A., Schotz, M. C., Glimcher, L. H. Cloning of an interleukin-4 inducible gene from cytotoxic T lymphocytes and its identification as a lipase. Cell 60: 451-459, 1990. 3. Zhang, J., Kaasik, K., Blackburn, M. R., Lee, C. C. Constant darkness is a circadian metabolic signal in mammals. Nature 439: 340-343, 2006.</p>
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

Handling

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.