

Datasheet for ABIN7599053  
**anti-PDXP antibody (AA 1-189)**



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## Overview

Quantity:	100 µg
Target:	PDXP
Binding Specificity:	AA 1-189
Reactivity:	Mouse, Human, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PDXP antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

## Product Details

Purpose:	Anti-PDXP Antibody Picoband®
Immunogen:	E.coli-derived human PDXP recombinant protein (Position: M1-R189).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PDXP Antibody Picoband® (ABIN7599053). Tested in ELISA, Flow Cytometry, 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:	PDXP
Alternative Name:	PDXP ( <a href="#">PDXP Products</a> )
Background:	<p>Synonyms: Peflin, PEF protein with a long N-terminal hydrophobic domain, Penta-EF hand domain-containing protein 1, PEF1, ABP32, UNQ1845, PRO3573</p> <p>Tissue Specificity: Pre-B-cells and B-cells but not terminally differentiated plasma cells.</p> <p>Background: Pyridoxal 5-prime-phosphate (PLP) is the active form of vitamin B6 that acts as a coenzyme in maintaining biochemical homeostasis. The preferred degradation route from PLP to 4-pyridoxic acid involves the dephosphorylation of PLP by PDXP.</p>
Molecular Weight:	37 kDa
Gene ID:	57026

## Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Gohla, A., Birkenfeld, J., Bokoch, G. M. Chronophin, a novel HAD-type serine protein phosphatase, regulates cofilin-dependent actin dynamics. Nature Cell Biol. 7: 21-29, 2005. 2. Hartz, P. A. Personal Communication. Baltimore, Md. 02/27/2017. 3. Huang, T. Y., Michael, S., Xu, T., Sarkeshik, A., Moresco, J. J., Yates, J. R., III, Masliah, E., Bokoch, G. M., DerMardirossian, C. A novel Rac1 GAP splice variant relays poly-Ub accumulation signals to mediate Rac1 inactivation. Molec. Biol. Cell 24: 194-209, 2013.</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
Buffer:	Each vial contains 4 mg Trehalose, 0.9 mg NaCl, 0.2 mg Na2HPO4.
Storage:	4 °C, -20 °C
Storage Comment:	<p>At -20°C for one year from date of receipt. After reconstitution, at 4°C for one month.</p> <p>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and</p>

thawing.