

Datasheet for ABIN7599347  
**anti-Pannexin 3 antibody (AA 1-392)**



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## Overview

Quantity:	100 µg
Target:	Pannexin 3 (PANX3)
Binding Specificity:	AA 1-392
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Pannexin 3 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	Anti-PANX3 Antibody Picoband®
Immunogen:	E.coli-derived human PANX3 recombinant protein (Position: M1-P392). Human PANX3 shares 89% and 91.6% amino acid (aa) sequence identity with mouse and rat PANX3, respectively.
Characteristics:	Anti-PANX3 Antibody Picoband® (ABIN7599347). 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:	Pannexin 3 (PANX3)
Alternative Name:	PANX3 ( <a href="#">PANX3 Products</a> )
Background:	The protein encoded by this gene belongs to the innexin family. Innexin family members are known to be the structural components of gap junctions.
Molecular Weight:	45 kDa
Gene ID:	116337

## Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Bruzzone, R., Hormuzdi, S. G., Barbe, M. T., Herb, A., Monyer, H. Pannexins, a family of gap junction proteins expressed in brain. Proc. Nat. Acad. Sci. 100: 13644-13649, 2003. 2. Gross, M. B. Personal Communication. Baltimore, Md. 11/30/2016. 3. Ishikawa, M., Hasanali, Z. S., Zhao, Y., Das, A., Lavaert, M., Roman, C. J., Londregan, J., Allman, D., Bhandoola, A. Bone marrow plasma cells require P2RX4 to sense extracellular ATP. Nature 626: 1102-1107, 2024.
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:	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.