

Datasheet for ABIN7601656  
**anti-Plexin B2 antibody (AA 400-866)**



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## Overview

Quantity:	100 µg
Target:	Plexin B2 (PLXNB2)
Binding Specificity:	AA 400-866
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Plexin B2 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB)

## Product Details

Purpose:	Anti-PLXNB2 Antibody Picoband®
Immunogen:	E.coli-derived human PLXNB2 recombinant protein (Position: E400-E866). Human PLXNB2 shares 81% amino acid (aa) sequence identity with mouse PLXNB2.
Characteristics:	Anti-PLXNB2 Antibody Picoband® (ABIN7601656). 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:	Plexin B2 (PLXNB2)
Alternative Name:	PLXNB2 ( <a href="#">PLXNB2 Products</a> )
Background:	Plexin-B2 is a protein that in humans is encoded by the PLXNB2 gene. Members of the B class of plexins, such as PLXNB2 are transmembrane receptors that participate in axon guidance and cell migration in response to semaphorins.
Molecular Weight:	205 kDa
Gene ID:	23654
UniProt:	<a href="#">O15031</a>
Pathways:	<a href="#">Tube Formation</a>

## Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Nagase, T., Ishikawa, K., Nakajima, D., Ohira, M., Seki, N., Miyajima, N., Tanaka, A., Kotani, H., Nomura, N., Ohara, O. Prediction of the coding sequences of unidentified human genes. VII. The complete sequences of 100 new cDNA clones from brain which can code for large proteins in vitro. DNA Res. 4: 141-150, 1997. 2. Perrot, V., Vazquez-Prado, J., Gutkind, J. S. Plexin B regulates Rho through the guanine nucleotide exchange factors leukemia-associated Rho GEF (LARG) and PDZ-RhoGEF. J. Biol. Chem. 277: 43115-43120, 2002. 3. Shinoura, N., Shamraj, O. I., Hugenholtz, H., Zhu, J. G., McBlack, P., Warnick, R., Tew, J. J., Wani, M. A., Menon, A. G. Identification and partial sequence of a cDNA that is differentially expressed in human brain tumors. Cancer Lett. 89: 215-221, 1995.
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.