

Datasheet for ABIN7599117
anti-PID1 antibody (AA 1-227)



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PID1
Binding Specificity:	AA 1-227
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PID1 antibody is un-conjugated
Application:	ELISA, Western Blotting (WB), Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PID1 Antibody Picoband®
Immunogen:	E.coli-derived human PID1 recombinant protein (Position: M1-K227). Human PID1 shares 97.3% amino acid (aa) sequence identity with mouse PID1.
Characteristics:	Anti-PID1 Antibody Picoband® (ABIN7599117). Tested in WB, 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:	PID1
Alternative Name:	PID1 (PID1 Products)
Background:	This gene can increase proliferation of preadipocytes without affecting adipocytic differentiation.
Molecular Weight:	28 kDa
Gene ID:	55022
UniProt:	Q7Z2X4

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat Flow Cytometry (Fixed), 1-3 µg/1×10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Hartz, P. A. Personal Communication. Baltimore, Md. 5/22/2013. 2. Wang, B., Zhang, M., Ni, Y., Liu, F., Fan, H., Fei, L., Pan, X., Guo, M., Chen, R., Guo, X. Identification and characterization of NYGGF4, a novel gene containing a phosphotyrosine-binding (PTB) domain that stimulates 3T3-L1 preadipocytes proliferation. Gene 379: 132-140, 2006. 3. Wu, W. L., Gan, W. H., Tong, M. L., Li, X. L., Dai, J. Z., Zhang, C. M., Guo, X. R. Over-expression of NYGGF4 (PID1) inhibits glucose transport in skeletal myotubes by blocking the IRS1/PI3K/AKT insulin pathway. Molec. Genet. Metab. 102: 374-377, 2011.
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.