

Datasheet for ABIN7602020

anti-PPP1R16A antibody (AA 55-528)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	PPP1R16A
Binding Specificity:	AA 55-528
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R16A antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PPP1R16A Antibody Picoband®
Immunogen:	E.coli-derived human PPP1R16A recombinant protein (Position: R55-M528). Human PPP1R16A shares 81.2% amino acid (aa) sequence identity with mouse PPP1R16A.
Characteristics:	Anti-PPP1R16A Antibody Picoband® (ABIN7602020). 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:	PPP1R16A
Alternative Name:	PPP1R16A (PPP1R16A Products)
Background:	PPP1R16A inhibits protein phosphatase 1 activity toward phosphorylase, myosin light chain and myosin substrates (Bysimilarity).
Molecular Weight:	69 kDa
Gene ID:	84988
UniProt:	Q96I34

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human Flow Cytometry (Fixed), 1-3 µg/1×10 ⁶ cells, Human ELISA, 0.1-0.5 µg/mL, - 1. Gross, M. B. Personal Communication. Baltimore, Md. 2/17/2015. 2. Ruan, Y., Cheng, M., Ou, Y., Oko, R., van der Hoorn, F. A. Ornithine decarboxylase antizyme Oaz3 modulates protein phosphatase activity. J. Biol. Chem. 286: 29417-29427, 2011. 3. Skinner, J. A., Saltiel, A. R. Cloning and identification of MYPT3: a prenylatable myosin targetting (sic) subunit of protein phosphatase 1. Biochem. J. 356: 257-267, 2001.
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.