

Datasheet for ABIN7602245
anti-PPP1R37 antibody (AA 66-390)



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Overview

Quantity:	100 µg
Target:	PPP1R37
Binding Specificity:	AA 66-390
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R37 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-PPP1R37 Antibody Picoband®
Immunogen:	E.coli-derived human PPP1R37 recombinant protein (Position: R66-R390). Human PPP1R37 shares 97.5% and 97.2% amino acid (aa) sequence identity with mouse and rat PPP1R37, respectively.
Characteristics:	Anti-PPP1R37 Antibody Picoband® (ABIN7602245). 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:	PPP1R37
Alternative Name:	PPP1R37 (PPP1R37 Products)
Background:	PPP1R37 can inhibit phosphatase activity of protein phosphatase 1 (PP1) complexes.
Molecular Weight:	75 kDa
Gene ID:	284352
UniProt:	O75864

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg /1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Miyashita, A., Koike, A., Jun, G., Wang, L. S., Takahashi, S., Matsubara, E., ... & Kuwano, R. (2013). SORL1 is genetically associated with late-onset Alzheimer's disease in Japanese, Koreans and Caucasians. PloS one, 8(4), e58618. 2. Nagase, T., Kikuno, R., & Ohara, O. (2001). Prediction of the coding sequences of unidentified human genes. XXII. The complete sequences of 50 new cDNA clones which code for large proteins. DNA research, 8(6), 319-327. 3. Hendrickx, A., Beullens, M., Ceulemans, H., Den Abt, T., Van Eynde, A., Nicolaescu, E., ... & Bollen, M. (2009). Docking motif-guided mapping of the interactome of protein phosphatase-1. Chemistry & biology, 16(4), 365-371.</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 Na ₂ HPO ₄ .
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 thawing.</p>