

Datasheet for ABIN7602263
anti-PPP1R14C antibody (AA 67-165)



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Overview

Quantity:	100 µg
Target:	PPP1R14C
Binding Specificity:	AA 67-165
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R14C antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS)

Product Details

Purpose:	Anti-KEPI/PPP1R14C Antibody Picoband®
Immunogen:	E.coli-derived human KEPI/PPP1R14C recombinant protein (Position: H67-V165).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-KEPI/PPP1R14C Antibody Picoband® (ABIN7602263). Tested in ELISA, WB, Flow Cytometry 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:	PPP1R14C
Alternative Name:	PPP1R14C (PPP1R14C Products)
Background:	<p>Synonyms: Interleukin-17B, IL-17B, Cytokine CX1, Cytokine-like protein ZCYTO7, Neuronal interleukin-17-related factor, Il17b, Nirf, Zcyto7</p> <p>Tissue Specificity: Expressed in adult pancreas, small intestine, stomach, spinal cord and testis. Less pronounced expression in prostate, colon mucosal lining, and ovary.</p> <p>Background: Protein phosphatase 1 regulatory subunit 14C is an enzyme that in humans is encoded by the PPP1R14C gene. The degree of protein phosphorylation is regulated by a balance of protein kinase and phosphatase activities. Protein phosphatase-1 (PP1, see MIM 176875) is a signal-transducing phosphatase that influences neuronal activity, protein synthesis, metabolism, muscle contraction, and cell division. PPP1R14C is an inhibitor of PP1.</p>
Molecular Weight:	20 kDa
Gene ID:	81706

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Liu, Q.-R., Zhang, P.-W., Zhen, Q., Walther, D., Wang, X.-B., Uhl, G. R. KEPI, a PKC-dependent protein phosphatase 1 inhibitor regulated by morphine. J. Biol. Chem. 277: 13312-13320, 2002.</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>