Datasheet for ABIN7599215

anti-PPP1R3B antibody (AA 1-285)

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Overview

Quantity:	100 µg
Target:	PPP1R3B
Binding Specificity:	AA 1-285
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPP1R3B antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-PPP1R3B Antibody Picoband®
Immunogen:	E.coli-derived human PPP1R3B recombinant protein (Position: M1-Y285).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PPP1R3B Antibody Picoband® (ABIN7599215). Tested in ELISA, WB 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:	PPP1R3B
Alternative Name:	PPP1R3B (PPP1R3B Products)
Background:	Synonyms: One cut domain family member 2, Hepatocyte nuclear factor 6-beta, HNF-6-beta, One cut homeobox 2, Transcription factor ONECUT-2, OC-2, ONECUT2, HNF6B Tissue Specificity: Predominantly expressed in testis and placenta as well as in many cell lines, including epithelial cell lines. Background: This gene encodes the catalytic subunit of the serine/theonine phosphatase, protein phosphatase-1. The encoded protein is expressed in liver and skeletal muscle tissue and may be involved in regulating glycogen synthesis in these tissues. This gene may be a involved in type 2 diabetes and maturity-onset diabetes of the young. Alternate splicing results in multiple transcript variants that encode the same protein.
Molecular Weight:	33 kDa
Gene ID:	79660
Pathways:	Cellular Glucan Metabolic Process, Regulation of Carbohydrate Metabolic Process

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Doherty, M. J., Moorhead, G., Morrice, N., Cohen, P., Cohen, P. T. W. Amino acid sequence and expression of hepatic glycogen-binding (G-L)-subunit of protein phosphatase-1. FEBS Lett. 375: 294-298, 1995. 2. Dunn, J. S., Mlynarski, W. M., Pezzoles, M. G., Borowiec, M., Powers, C., Krolewski, A. S., Doria, A. Examination of PPP1R3B as a candidate gene for the type 2 diabetes and MODY loci on chromosome 8p23. Ann. Hum. Genet. 70: 587-593, 2006. 3. Munro, S., Cuthbertson, D. J. R., Cunningham, J., Sales, M., Cohen, P. T. W. Human skeletal muscle expresses a glycogen-targeting subunit of PP1 that is identical to the insulin-sensitive glycogen-targeting subunit G-L of liver. Diabetes 51: 591-598, 2002.
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

Handling

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.