

Datasheet for ABIN7601475
anti-PPM1N antibody (AA 36-430)



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Overview

Quantity:	100 µg
Target:	PPM1N
Binding Specificity:	AA 36-430
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PPM1N antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Flow Cytometry (FACS), Immunocytochemistry (ICC), Immunofluorescence (IF)

Product Details

Purpose:	Anti-PPM1N Antibody Picoband®
Immunogen:	E.coli-derived human PPM1N recombinant protein (Position: R36-A430).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-PPM1N Antibody Picoband® (ABIN7601475). Tested in ELISA, Flow Cytometry, IF, ICC, 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:	PPM1N
Alternative Name:	PPM1N (PPM1N Products)
Background:	<p>Synonyms: Kelch repeat and BTB domain-containing protein 2, BTB and kelch domain-containing protein 1, KBTBD2, BKLHD1, KIAA1489</p> <p>Tissue Specificity: Detected in liver, skeletal muscle, kidney, pancreas, spleen, thyroid, testis, ovary, small intestine and colon.</p> <p>Background: Predicted to enable metal ion binding activity and protein serine/threonine phosphatase activity. Predicted to be involved in negative regulation of I-kappaB kinase/NF-kappaB signaling and positive regulation of canonical Wnt signaling pathway. Predicted to be active in cytosol and nucleus.</p>
Molecular Weight:	45 kDa
Gene ID:	147699
UniProt:	Q8N819

Application Details

Application Notes:	<p>Western blot, 0.25-0.5 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 5 µg/mL, Human</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x1x10⁶ cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Zhou, H. , Xu, M. , Huang, Q. , Gates, A. T. , Zhang, X. D. , & Castle, J. C. , et al. (2008). Genome-scale rai screen for host factors required for hiv replication. Cell host & microbe, 4(5), 495-504.</p> <p>2. Shi, P. , Guo, Y. , Su, Y. , Zhu, M. , & Huang, J. . (2020). Sumoylation of ddx39a alters binding and export of antiviral transcripts to control innate immunity. The Journal of Immunology, 205(1), ji2000053.</p> <p>3. Fasci, D. , Ingen, H. V. , Scheltema, R. A. , & Heck, A. J. R. . (2018). Histone interaction landscapes visualized by crosslinking mass spectrometry in intact cell nuclei. Molecular & Cellular Proteomics Mcp, 17(10), mcp.RA118.000924.</p>
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Restrictions:	For Research Use only
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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 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.