

Datasheet for ABIN7600118
anti-MPHOSPH10 antibody (AA 15-661)



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Overview

Quantity:	100 µg
Target:	MPHOSPH10
Binding Specificity:	AA 15-661
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MPHOSPH10 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunofluorescence (IF), Flow Cytometry (FACS), Immunocytochemistry (ICC)

Product Details

Purpose:	Anti-MPHOSPH10 Antibody Picoband®
Immunogen:	E.coli-derived human MPHOSPH10 recombinant protein (Position: L15-A661).
Isotype:	IgG
Cross-Reactivity (Details):	No cross-reactivity with other proteins.
Characteristics:	Anti-MPHOSPH10 Antibody Picoband® (ABIN7600118). Tested in ELISA, IF, ICC, WB, Flow Cytometry 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:	MPHOSPH10
Alternative Name:	MPHOSPH10 (MPHOSPH10 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: U3 small nucleolar ribonucleoprotein protein MPP10 is a protein that in humans is encoded by the MPHOSPH10 gene. This gene encodes a protein that is phosphorylated during mitosis. The protein localizes to the nucleolus during interphase and to the chromosomes during M phase. The protein associates with the U3 small nucleolar ribonucleoprotein 60-80S complexes and may be involved in pre-rRNA processing.</p>
Molecular Weight:	120 kDa
Gene ID:	10199
UniProt:	O00566
Pathways:	SARS-CoV-2 Protein Interactome , The Global Phosphorylation Landscape of SARS-CoV-2 Infection

Application Details

Application Notes:	<p>Western blot, 0.1-0.25 µg/mL, Human</p> <p>Immunocytochemistry/Immunofluorescence, 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. Matsumoto-Taniura, N., Pirollet, F., Monroe, R., Gerace, L., Westendorf, J. M. Identification of novel M phase phosphoproteins by expression cloning. Molec. Biol. Cell 7: 1455-1469, 1996. 2. Westendorf, J. M., Konstantinov, K. N., Wormsley, S., Shu, M.-D., Matsumoto-Taniura, N., Pirollet, F., Klier, F. G., Gerace, L., Baserga, S. J. M phase phosphoprotein 10 is a human U3 small nucleolar ribonucleoprotein component. Molec. Biol. Cell 9: 437-449, 1998.</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.

Handling

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.