

Datasheet for ABIN7599770
anti-RBPMS2 antibody (AA 116-201)



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Overview

Quantity:	100 µg
Target:	RBPMS2
Binding Specificity:	AA 116-201
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RBPMS2 antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Purpose:	Anti-RBPMS2 Antibody Picoband®
Immunogen:	E.coli-derived human RBPMS2 recombinant protein (Position: K116-Q201).
Isotype:	IgG
Cross-Reactivity (Details):	No cross reactivity with other proteins.
Characteristics:	Anti-RBPMS2 Antibody Picoband® (ABIN7599770). Tested in WB, 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:	RBPMS2
Alternative Name:	RBPMS2 (RBPMS2 Products)
Background:	Synonyms: 70 kDa ribosomal protein S6 kinase 1 antibody, KS6B1_HUMAN antibody, p70 alpha antibody, P70 beta 1 antibody, p70 ribosomal S6 kinase alpha antibody, p70 ribosomal S6 kinase beta 1 antibody, p70 S6 kinase alpha antibody, P70 S6 Kinase antibody, p70 S6 kinase alpha 1 antibody, p70 S6 kinase alpha 2 antibody, p70 S6K antibody, p70 S6K-alpha antibody, p70 S6KA antibody, p70(S6K) alpha antibody, p70(S6K)-alpha antibody, p70-alpha antibody, p70-S6K 1 antibody, p70-S6K antibody, P70S6K antibody, P70S6K1 antibody, p70S6Kb antibody, PS6K antibody, Ribosomal protein S6 kinase 70 kDa polypeptide 1 antibody, Ribosomal protein S6 kinase beta 1 antibody, Ribosomal protein S6 kinase beta-1 antibody, Ribosomal protein S6 kinase I antibody, RPS6KB1 antibody, S6K antibody, S6K-beta-1 antibody, S6K1 antibody, Serine/threonine kinase 14 alpha antibody, Serine/threonine-protein kinase 14A antibody, STK14A antibody Tissue Specificity: Expressed in all tissues. Background: The protein encoded by this gene is a member of the RNA recognition motif (RRM)-containing protein family and is involved in the development and dedifferentiation of digestive smooth muscle cells. The encoded protein functions as a homodimer and inly inhibits the bone morphogenetic protein pathway.
Molecular Weight:	28 kDa
Gene ID:	348093

Application Details

Application Notes:	Western blot, 0.25-0.5 µg/mL, Human ELISA, 0.1-0.5 µg/mL, - 1. Hapkova, I., Skarda, J., Rouleau, C., Thys, A., Notarnicola, C., Janikova, M., Bernex, F., Rypka, M., Vanderwinden, J.-M., Faure, S., Vesely, J., de Santa Barbara, P. High expression of the RNA-binding protein RBPMS2 in gastrointestinal stromal tumors. <i>Exp. Molec. Path.</i> 94: 314-321, 2013. 2. Notarnicola, C., Rouleau, C., Le Guen, L., Virsolvy, A., Richard, S., Faure, S., de Santa Barbara, P. The RNA-binding protein RBMS2 regulates development of gastrointestinal smooth muscle. <i>Gastroenterology</i> 143: 687-697, 2012. 3. Sagnol, S., Yang, Y., Bessin, Y., Allemand, F., Hapkova, I., Notarnicola, C., Guichou, J.-F., Faure, S., Labesse, G., de Santa Barbara, P. Homodimerization of RBPMS2 through a new RRM-interaction motif is necessary to control smooth muscle plasticity. <i>Nucleic Acids Res.</i> 42: 10173-10184, 2014.
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:	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.