

Datasheet for ABIN7599359  
**anti-RBM17 antibody (AA 1-401)**



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## Overview

|                      |   |
|----------------------|---|
| Quantity:            | 100 µg  |
| Target:              | RBM17   |
| Binding Specificity: | AA 1-401  |
| Reactivity:          | Human, Mouse, Rat                                   |
| Host:                | Rabbit  |
| Clonality:           | Polyclonal  |
| Conjugate:           | This RBM17 antibody is un-conjugated                |
| Application:         | Western Blotting (WB), ELISA, Flow Cytometry (FACS) |

## Product Details

|                             |   |
|-----------------------------|---|
| Purpose:                    | Anti-RBM17 Antibody Picoband®   |
| Immunogen:                  | E.coli-derived human RBM17 recombinant protein (Position: M1-V401). Human RBM17 shares 98.3% amino acid (aa) sequence identity with mouse RBM17.  |
| Isotype:                    | IgG   |
| Cross-Reactivity (Details): | No cross reactivity with other proteins.  |
| Characteristics:            | Anti-RBM17 Antibody Picoband® (ABIN7599359). Tested in WB, Flow Cytometry, ELISA 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:           | RBM17   |
| Alternative Name: | RBM17 ( <a href="#">RBM17 Products</a> )  |
| Background:       | <p>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</p> <p>Tissue Specificity: Expressed in all tissues.</p> <p>Background: Splicing factor 45 is a protein that in humans is encoded by the RBM17 gene. This gene encodes an RNA binding protein. The encoded protein is part of the spliceosome complex and functions in the second catalytic step of mRNA splicing. Alternatively spliced transcript variants have been described. Related pseudogenes exist on chromosomes 9 and 15.</p> |
| Molecular Weight: | 45 kDa  |
| Gene ID:          | 84991   |
| UniProt:          | <a href="#">Q96I25</a>  |

## Application Details

|                    |   |
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| Application Notes: | <p>Western blot, 0.25-0.5 µg/mL, Human, Mouse, Rat</p> <p>Flow Cytometry (Fixed), 1-3 µg/1x10<sup>6</sup> cells, Human</p> <p>ELISA, 0.1-0.5 µg/mL, -</p> <p>1. Lallena, M. J., Chalmers, K. J., Llamazares, S., Lamond, A. I., Valcarcel, J. Splicing regulation at the second catalytic step by Sex-lethal involves 3-prime splice site recognition by SPF45. Cell 109: 285-296, 2002. 2. Lim, J., Crespo-Barreto, J., Jafar-Nejad, P., Bowman, A. B., Richman, R., Hill, D. E., Orr, H. T., Zoghbi, H. Y. Opposing effects of polyglutamine expansion on native protein complexes contribute to SCA1. Nature 452: 713-718, 2008. 3. Lowe, C. E., Cooper, J. D., Brusko, T., Walker, N. M., Smyth, D. J., Bailey, R., Bourget, K., Plagnol, V., Field, S., Atkinson, M., Clayton, D. G., Wicker, L. S., Todd, J. A. Large-scale genetic fine mapping and genotype-phenotype</p> |
|--------------------|---|

Application Details

associations implicate polymorphism in the IL2RA region in type 1 diabetes. Nature Genet. 39: 1074-1082, 2007.

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 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.<br>It can also be aliquotted and stored frozen at -20°C for six months. Avoid repeated freezing and thawing. |