

## RMD1 Antibody (N-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)

Catalog # AP11887a

### Product Information

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|-------------------|--------------------------------------------------------------------------------------------------------|
| Application       | WB, IHC-P, E                                                                                           |
| Primary Accession | <a href="#">Q96DB5</a>                                                                                 |
| Other Accession   | <a href="#">Q4G069</a> , <a href="#">Q9DCV4</a> , <a href="#">Q32KL4</a> , <a href="#">NP_057117.2</a> |
| Reactivity        | Human, Mouse                                                                                           |
| Predicted         | Bovine, Rat, Canine, Rabbit, Chicken                                                                   |
| Host              | Rabbit                                                                                                 |
| Clonality         | Polyclonal                                                                                             |
| Isotype           | Rabbit IgG                                                                                             |
| Clone Names       | RB29532                                                                                                |
| Calculated MW     | 35808                                                                                                  |
| Antigen Region    | 76-104                                                                                                 |

### Additional Information

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|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Gene ID            | 51115                                                                                                                                                                       |
| Other Names        | Regulator of microtubule dynamics protein 1, RMD-1, hRMD-1, Protein FAM82B, RMDN1, FAM82B                                                                                   |
| Target/Specificity | This RMD1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 76-104 amino acids from the N-terminal region of human RMD1.         |
| Dilution           | WB~~1:1000 IHC-P~~1:100~500 E~~Use at an assay dependent concentration.                                                                                                     |
| Format             | Purified polyclonal antibody supplied in PBS with 0.05% (V/V) Proclin 300. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Storage            | Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.                                     |
| Precautions        | RMD1 Antibody (N-term) is for research use only and not for use in diagnostic or therapeutic procedures.                                                                    |

### Protein Information

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|----------|--------|
| Name     | RMDN1  |
| Synonyms | FAM82B |

## Cellular Location

Cytoplasm. Cytoplasm, cytoskeleton, spindle pole Note=In interphase localizes in the cytoplasm, and during mitosis localizes to the spindle microtubules and spindle poles

## Background

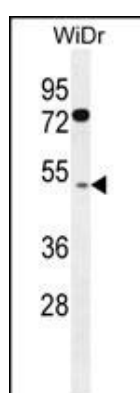
FAM82B belongs to the FAM82/RMD family and contains two TPR repeats. The specific function of FAM82B is not yet known.

## References

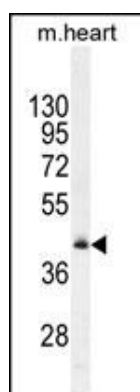
Oishi, K., et al. J. Cell Biol. 179(6):1149-1162(2007)

Lamesch, P., et al. Genomics 89(3):307-315(2007)

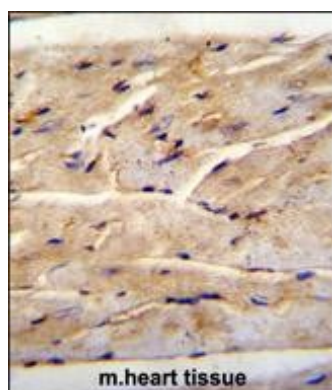
## Images



RMD1 Antibody (N-term) (Cat. #AP11887a) western blot analysis in WiDr cell line lysates (35ug/lane). This demonstrates the RMD1 antibody detected the RMD1 protein (arrow).



RMD1 Antibody (N-term) (Cat. #AP11887a) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the RMD1 antibody detected the RMD1 protein (arrow).



RMD1 Antibody (N-term) (Cat. #AP11887a) immunohistochemistry analysis in formalin fixed and paraffin embedded mouse heart tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RMD1 Antibody (N-term) for immunohistochemistry. Clinical relevance has not been evaluated.