

**ARG57946**  
anti-RMDN3 / FAM82A2 antibodyPackage: 100 µl  
Store at: -20°C

### Summary

Product Description	Rabbit Polyclonal antibody recognizes RMDN3 / FAM82A2
Tested Reactivity	Hu, Ms, Rat
Tested Application	ICC/IF, IHC-P, WB
Host	Rabbit
Clonality	Polyclonal
Isotype	IgG
Target Name	RMDN3 / FAM82A2
Species	Human
Immunogen	Recombinant fusion protein corresponding to aa. 171-470 of Human RMDN3 (NP_060615.1).
Conjugation	Un-conjugated
Alternate Names	RMD-3; Protein FAM82A2; FAM82A2; ptpip51; TCPTP-interacting protein 51; RMD3; Protein tyrosine phosphatase-interacting protein 51; Regulator of microtubule dynamics protein 3; Protein FAM82C; hRMD-3; Cerebral protein 10; FAM82C

### Application Instructions

Application table	Application	Dilution
	ICC/IF	1:50 - 1:200
	IHC-P	1:50 - 1:200
	WB	1:500 - 1:2000
Application Note	* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.	
Positive Control	MCF7	
Observed Size	60 kDa	

### Properties

Form	Liquid
Purification	Affinity purified.
Buffer	PBS (pH 7.3), 0.02% Sodium azide and 50% Glycerol.
Preservative	0.02% Sodium azide
Stabilizer	50% Glycerol
Storage instruction	For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use.

Note

For laboratory research only, not for drug, diagnostic or other use.

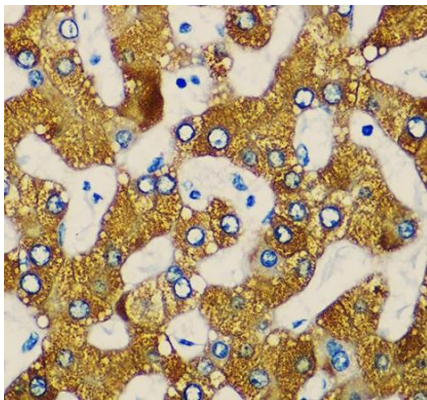
## Bioinformation

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Gene Symbol	RMDN3
Gene Full Name	regulator of microtubule dynamics 3
Function	Involved in cellular calcium homeostasis regulation. May participate in differentiation and apoptosis of keratinocytes. Overexpression induces apoptosis. [UniProt]
Calculated Mw	52 kDa
Cellular Localization	Cytoplasm, Mitochondrion membrane, Mitochondrion outer membrane, Nucleus, Single-pass membrane protein, cytoskeleton, spindle, spindle pole. [UniProt]

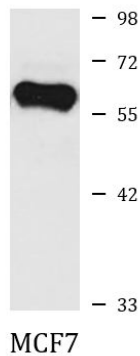
## Images

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ARG57946 anti-RMDN3 / FAM82A2 antibody IHC-P image

Immunohistochemistry: Paraffin-embedded Human liver tissue stained with ARG57946 anti-RMDN3 / FAM82A2 antibody at 1:100 dilution.



ARG57946 anti-RMDN3 / FAM82A2 antibody WB image

Western blot: 25 µg of MCF7 cell lysate stained with ARG57946 anti-RMDN3 / FAM82A2 antibody at 1:1000 dilution.