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PTPIP51 Rabbit pAb

Catalog # AP96530

Product Information

Application	WB
Reactivity	Rat, Human, Mouse
Predicted	Pig, Rabbit, Dog, Horse, Sheep
Host	Rabbit
Clonality	Polyclonal
Calculated MW	52 KDa
Physical State	Liquid
Immunogen	KLH conjugated synthetic peptide derived from human PTPIP51/FAM82A2
Epitope Specificity	101-180/470
Isotype	IgG
Purity	affinity purified by Protein A
Buffer	0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
SIMILARITY	Belongs to the RMDN family.
SUBUNIT	Interacts with PTPN2. Interacts with microtubules. Interacts with VAPB.
Important Note	This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.
Background Descriptions	RMDN3 (Regulator Of Microtubule Dynamics 3) is a Protein Coding gene. Diseases associated with RMDN3 include Amyotrophic Lateral Sclerosis 16, Juvenile and Amyotrophic Lateral Sclerosis 8. An important paralog of this gene is RMDN2.

Additional Information

Gene ID	55177
Other Names	FAM82A2; FAM82C; RMD-3; RMD3; ptpip51; CR201_G0046082; RMD3_HUMAN; RMDN3; hRMD-3; Cerebral protein 10; Protein FAM82A2; Protein FAM82C; Protein tyrosine phosphatase-interacting protein 51; TCPTP-interacting protein 51; RMD3_PONAB; regulator of microtubule dynamics 3; family with sequence similarity 82, member A2
Dilution	WB=1:500-2000
Storage	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
Name	PTPIP51 Rabbit pAb
Function	Involved in cellular calcium homeostasis regulation. May participate in differentiation and apoptosis of keratinocytes. Overexpression induces apoptosis.

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.