

Rabbit PTPIP51/RMDN3 Polyclonal Antibody | anti-PTPIP51/RMDN3 antibody

PTPIP51/RMDN3 Polyclonal Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA22290	Rabbit	Human, Mouse, Rat	Western Blot, Immunohistochemistry, Immunofluorescence

PRODUCT SYNONYMS

PTPIP51/RMDN3; Polyclonal Antibody; PTPIP51/RMDN3 Polyclonal Antibody; RMDN3; FAM82A2; FAM82C; RMD-3; RMD3; ptpip51; anti-PTPIP51/RMDN3 antibody

PRODUCT SPECIFICATIONS

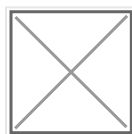
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.01% thiomersal, 50% glycerol, pH 7.3.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-PTPIP51/RMDN3 antibody	WB (Western Blot), IHC (Immunohistochemistry), IF (Immunofluorescence)
Application Notes	WB: 1:500-1:2000 IHC: 1:50-1:100 IF: 1:50-1:200
Immunogen	Recombinant fusion protein of human PTPIP51/RMDN3
Research Area	Cancer, Cell Biology, Epigenetics and Nuclear Signaling
Preparation and Storage	Storage: -20 degree C/One year. Avoid freeze/thaw cycles.

IMAGES



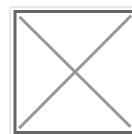
IF (Immunofluorescence)

Immunofluorescence analysis of U2OS cells using PTPIP51/RMDN3 Polyclonal Antibody at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



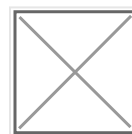
IF (Immunofluorescence)

Immunofluorescence analysis of NIH/3T3 cells using PTPIP51/RMDN3 Polyclonal Antibody at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



IF (Immunofluorescence)

Immunofluorescence analysis of PC-12 cells using PTPIP51/RMDN3 Polyclonal Antibody at dilution of 1:200 (40x lens). Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded rat kidney using PTPIP51/RMDN3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded mouse kidney using PTPIP51/RMDN3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

**IHC (Immunohistochemistry)**

Immunohistochemistry of paraffin-embedded human liver cancer using PTPIP51/RMDN3 Polyclonal Antibody at dilution of 1:100 (40x lens). Perform high pressure antigen retrieval with 10 mM citrate buffer pH 6.0 before commencing with IHC staining protocol.

ADDITIONAL INFORMATION

Related Product Information for anti-PTPIP51/RMDN3 antibody	RMDN3 (regulator of microtubule dynamics 3) is protein-coding gene. Diseases associated with RMDN3 include cerebritis, and noma. GO annotations related to this gene include protein binding. An important paralog of this gene is RMDN1.
Product Categories/Family for anti-PTPIP51/RMDN3 antibody	Antibodies ; Primary Antibodies ; Polyclonal Antibody

NCBI AND UNIPROT INFORMATION

NCBI GI #	8922532
NCBI GeneID	55177
NCBI Accession #	NP_060615.1
NCBI GenBank Nucleotide #	NM_018145.1
UniProt Accession #	Q96TC7; Q6ZWE9; Q96H23; Q96SD6; Q9H6G1; Q9NVQ6; A9UMZ9; B3KRR3
Molecular Weight	52,118 Da
NCBI Official Full Name	regulator of microtubule dynamics protein 3
NCBI Official Synonym Full Names	regulator of microtubule dynamics 3
NCBI Official Symbol	RMDN3
NCBI Official Synonym Symbols	RMD3; RMD-3; FAM82C; FAM82A2; ptpip51
NCBI Protein Information	regulator of microtubule dynamics protein 3; cerebral protein 10; TCPTP-interacting protein 51; microtubule-associated protein; family with sequence similarity 82, member C; family with sequence similarity 82, member A2; protein tyrosine phosphatase-inter
UniProt Protein Name	Regulator of microtubule dynamics protein 3
UniProt Gene Name	RMDN3
UniProt Synonym Gene Names	FAM82A2; FAM82C; PTPIP51; hucep-10; UNQ3122/PRO10274; RMD-3; hRMD-3
UniProt Entry Name	RMD3_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/ptpip51-rmdn3-antibody-western-blot-immunohistochemistry-immunofluorescence-elisa/22290>