

Rabbit anti-Human PTPIP51 Polyclonal Antibody | anti-PTPIP51 antibody

Rabbit anti-PTPIP51 Antibody, Affinity Purified

CATALOG # AAA212034	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, Immunoprecipitation
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PRODUCT SYNONYMS

PTPIP51; Polyclonal Antibody; Rabbit anti-PTPIP51 Antibody; Affinity Purified; Protein FAM82A2; cerebral protein 10; RMD-3; RMD3; regulator of microtubule dynamics protein 3; ptpip51; Protein FAM82C; TCPTP-interacting protein 51; microtubule-associated protein; hRMD-3; family with sequence similarity 82; member C; member A2; FAM82C; FAM82A2; protein tyrosine phosphatase-interacting protein 51; Regulator of microtubule dynamics protein 3; regulator of microtubule dynamics 3; anti-PTPIP51 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Purity/Purification	Antigen Affinity Purified
Form/Format	Liquid. Whole IgG. Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09% Sodium Azide
Concentration	1000ug/ml (varies by lot)
Applicable Applications for anti-PTPIP51 antibody	IHC (Immunohistochemistry), IP (Immunoprecipitation)
Predicted Reactivity	Orangutan
Immunogen	Between 325 and 375
Conjugation	Unconjugated
Preparation and Storage	Store at 2-8 degree C Shelf Life: 1 year from date of receipt

IMAGES



IP (Immunoprecipitation)

Detection of human PTPIP51 by western blot of immunoprecipitates. Samples: Whole cell lysate (1.0 mg per IP reaction; 20% of IP loaded) from HeLa, cells prepared using NETN lysis buffer. Antibodies: Affinity purified rabbit anti-PTPIP51 antibody AAA212034 (lot AAA212034-2) used for IP at 3 ug per reaction. PTPIP51 was also immunoprecipitated by rabbit anti-PTPIP51 antibody. For blotting immunoprecipitated PTPIP51, was used at 1 ug/ml. Detection: Chemiluminescence with an exposure time of 3 minutes.



IHC (Immunohistochemistry)

Detection of human PTPIP51 by immunohistochemistry. Sample: FFPE section of human lung carcinoma. Antibody: Affinity purified rabbit anti-PTPIP51 (Cat. No. AAA212034 Lot2) used at a dilution of 1:1,000 (1ug/ml) Detection: DAB

ADDITIONAL INFORMATION

Related Product Information for anti-PTPIP51 antibody	PTPIP51 (Protein tyrosine phosphatase-interacting protein 51) is proposed to play a role in proliferation, differentiation, apoptosis, and motility. PTPIP51 is an in vitro substrate of Src, protein kinase A, and the PTP1B and TCPTP protein tyrosine phosphatases. It has been shown to associate with microtubules.
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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-antibody-immunohistochemistry-immunoprecipitation-elisa/212034>