

Rabbit anti-Human RHPN1 Polyclonal Antibody | anti-RHPN1 antibody

RHPN1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA327630	Rabbit	Human	ELISA, Immunocytochemistry, Immunofluorescence, Western Blot

PRODUCT SYNONYMS

RHPN1; Polyclonal Antibody; RHPN1 Antibody; GTP Rho binding protein 1; GTP-Rho-binding protein 1; ODF5; Outer dense fiber of sperm tails 5; Rhophilin 1; Rhophilin-1; RHPN; Rhpn1; RHPN1_HUMAN; anti-RHPN1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Specificity	RHPN1 antibody detects endogenous levels of total RHPN1
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	670
Applicable Applications for anti-RHPN1 antibody	ELISA, ICC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	A synthesized peptide derived from human RHPN1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

IMAGES



WB (Western Blot)

Western blot analysis of RHPN1 using LOVO whole cell lysates



IF (Immunofluorescence)

AAA327630 staining A549 cells by IF/ICC. The sample were fixed with PFA and permeabilized in 0.1% Triton X-100, then blocked in 10% serum for 45 minutes at 25 degree C. The primary antibody was diluted at 1/200 and incubated with the sample for 1 hour at 37 degree C. An Alexa Fluor 594 conjugated goat anti-rabbit IgG (H+L) antibody, diluted at 1/600, was used as secondary antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RHPN1 antibody	Function: Has no enzymatic activity. May serve as a target for Rho, and interact with some cytoskeletal component upon Rho binding or relay a Rho signal to other molecules (By similarity). Subunit Structure: Binds specifically to GTP-Rho. Interacts with ROPN1 (By similarity). Similarity: The PDZ domain mediates interaction with ROPN1. Belongs to the RHPN family.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	1476413320
NCBI GeneID	114822
UniProt Accession #	Q8TCX5; Q8TAV1; Q96PV9
Molecular Weight	Observed: 101 kDa Predicted: 77 kDa
NCBI Official Full Name	Rhophilin-1
NCBI Official Synonym Full Names	rhophilin Rho GTPase binding protein 1
NCBI Official Symbol	RHPN1
NCBI Official Synonym Symbols	ODF5; RHPN; RHOPHILIN
NCBI Protein Information	rhophilin-1
UniProt Protein Name	Rhophilin-1
UniProt Gene Name	RHPN1

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/rhpn1-antibody-immunocytochemistry-immunofluorescence-western-blot-elisa/327630>