

Rabbit anti-Human RND1 Polyclonal Antibody | anti-RND1 antibody

RND1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234859	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

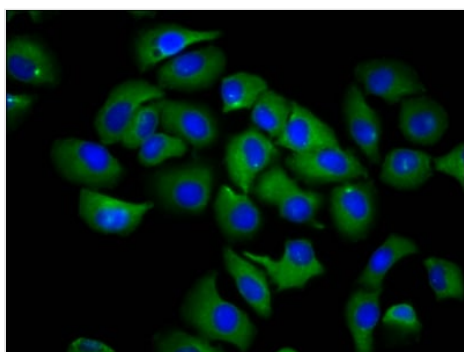
PRODUCT SYNONYMS

RND1; Polyclonal Antibody; RND1 Antibody; Rho-related GTP-binding protein Rho6; Rho family GTPase 1; Rnd1; RHO6; anti-RND1 antibody

PRODUCT SPECIFICATIONS

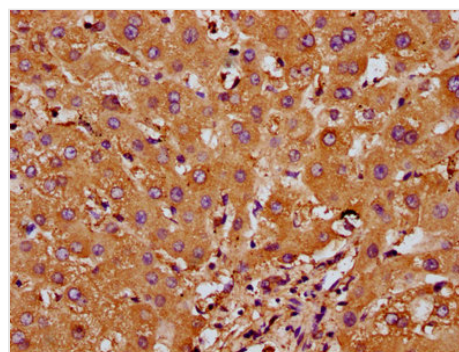
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	232
Applicable Applications for anti-RND1 antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Rho-related GTP-binding protein Rho6 protein (1-106AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234859 at 1:66, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234859 diluted at 1:200 and staining in paraffin-embedded human liver tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-RND1 antibody	Lacks intrinsic GTPase activity. Has a low affinity for GDP, and constitutively binds GTP. Controls rearrangements of the actin cytoskeleton. Induces the Rac-dependent neuritic process formation in part by disruption of the cortical actin filaments. Causes the formation of many neuritic processes from the cell body with disruption of the cortical actin filaments.
Product Categories/Family for anti-RND1 antibody	Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	7657514
NCBI GeneID	27289
NCBI Accession #	NP_055285.1
NCBI GenBank Nucleotide #	NM_014470.3
UniProt Accession #	Q92730; A8K9P7
Molecular Weight	26,056 Da
NCBI Official Full Name	rho-related GTP-binding protein Rho6
NCBI Official Synonym Full Names	Rho family GTPase 1
NCBI Official Symbol	RND1
NCBI Official Synonym Symbols	ARHS; RHO6; RHOS
NCBI Protein Information	rho-related GTP-binding protein Rho6
UniProt Protein Name	Rho-related GTP-binding protein Rho6
UniProt Gene Name	RND1
UniProt Synonym Gene Names	RHO6

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/rnd1-antibody-immunofluorescence-immunohistochemistry-elisa/234859>