

Rabbit ROCK1 Polyclonal Antibody | anti-ROCK1 antibody

Rabbit anti-ROCK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA223300	Rabbit	Human, Mouse, Rat, Bovine, Monkey, Pig, Rabbit	Immunofluorescence, Western Blot

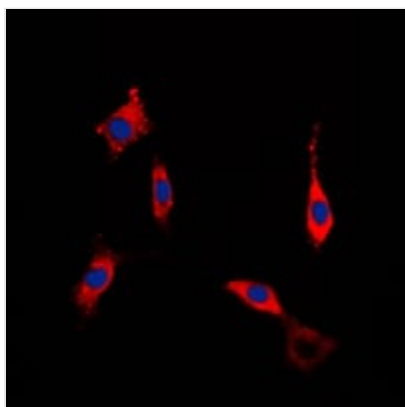
PRODUCT SYNONYMS

ROCK1; Polyclonal Antibody; Rabbit anti-ROCK1 Antibody; Rho-associated protein kinase 1; Renal carcinoma antigen NY-REN-35; Rho-associated; coiled-coil-containing protein kinase 1; coiled-coil-containing protein kinase I; ROCK-I; p160 ROCK-1; p160ROCK; anti-ROCK1 antibody

PRODUCT SPECIFICATIONS

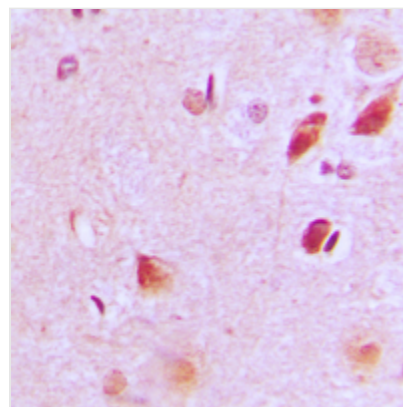
Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Monkey, Pig, Rabbit
Clonality	Polyclonal
Purity/Purification	The antibody was purified by immunogen affinity chromatography.
Form/Format	Liquid in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.
Concentration	1mg/mL (varies by lot)
Applicable Applications for anti-ROCK1 antibody	IC (Immunocytochemistry), IF (Immunofluorescence), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human ROCK1. The exact sequence is proprietary.
Preparation and Storage	Store at -20 degree C. Avoid repeated freeze/thaw cycles.

IMAGES

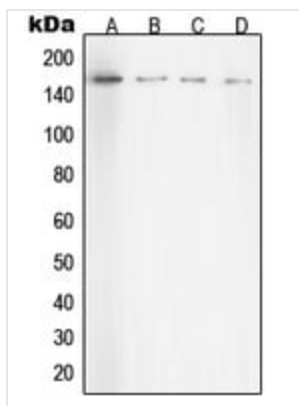


IF (Immunofluorescence)

Immunofluorescent analysis of ROCK1 staining in NIH3T3 cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



IHC (Immunohistochemistry)



WB (Western Blot)

Western blot analysis of ROCK1 expression in HeLa (A), NIH3T3 (B), C6 (C), COS7 (D) whole cell lysates.

ADDITIONAL INFORMATION

Product Categories/Family for anti-ROCK1 antibody

[Primary antibodies](#)

NCBI AND UNIPROT INFORMATION

NCBI GI #	47605999
NCBI GeneID	6093
UniProt Accession #	Q13464 ; P70335 ; Q63644
Molecular Weight	1354
NCBI Official Full Name	Rho-associated protein kinase 1
NCBI Official Synonym Full Names	Rho-associated, coiled-coil containing protein kinase 1
NCBI Official Symbol	ROCK1
NCBI Official Synonym Symbols	ROCK-I; P160ROCK
NCBI Protein Information	rho-associated protein kinase 1; p160-ROCK; Rho kinase; p160 ROCK-1; renal carcinoma antigen NY-REN-35; rho-associated, coiled-coil-containing protein kinase 1; rho-associated, coiled-coil-containing protein kinase I
UniProt Protein Name	Rho-associated protein kinase 1
UniProt Gene Name	ROCK1
UniProt Synonym Gene Names	ROCK-I; p160ROCK
UniProt Entry Name	ROCK1_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://www.aaabiotech.com/polyclonal/rock1-antibody-immunochemistry-immunofluorescence-western-blot-elisa/223300>