

Rabbit ROCK1 Polyclonal Antibody | anti-ROCK1 antibody

ROCK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA39374	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunocytochemistry, Western Blot, ELISA

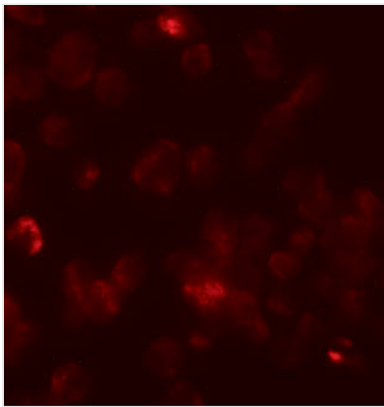
PRODUCT SYNONYMS

ROCK1; Polyclonal Antibody; ROCK1 Antibody; ROCK-I; P160ROCK; Rho-associated protein kinase 1; Renal carcinoma antigen NY-REN-35; Rho-associated; coiled-coil containing protein kinase 1; anti-ROCK1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	ROCK1 antibody is predicted to not cross-react with other ROCK protein family members.
Purity/Purification	ROCK1 Antibody is affinity chromatography purified via peptide column.
Form/Format	Liquid
Concentration	1 mg/mL (varies by lot)
Sequence Length	1354
Applicable Applications for anti-ROCK1 antibody	IF (Immunofluorescence), ICC (Immunocytochemistry), WB (Western Blot), ELISA
Conjugate	Unconjugated
Immunogen	ROCK1 antibody was raised against a 15 amino acid synthetic peptide near the amino terminus of human ROCK1.
Buffer	ROCK1 Antibody is supplied in PBS containing 0.02% sodium azide.
Preparation and Storage	ROCK1 antibody can be stored at 4 degree C for three months and -20 degree C, stable for up to one year. As with all antibodies care should be taken to avoid repeated freeze thaw cycles. Antibodies should not be exposed to prolonged high temperatures.

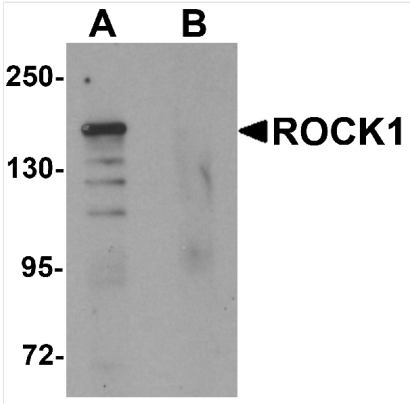
IMAGES



IF (Immunofluorescence)
Immunofluorescence of ROCK1 in 293 cells with ROCK1 antibody at 20 μg/mL.



ICC (Immunocytochemistry)
Immunocytochemistry of ROCK1 in 293 cells with ROCK1 antibody at 10 μg/mL.



WB (Western Blot)
Western blot analysis of ROCK1 in 293 cell lysate with ROCK1 antibody at 1 μg/mL in (A) the absence and (B) the presence of blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-ROCK1 antibody

ROCK1 Antibody: ROCK1 is a member of the AGC serine/threonine protein kinase family that regulates the assembly of the actin cytoskeleton. ROCK1 contains a protein kinase domain, a coiled-coil region and a zinc finger region and appears to be present as a dimer. ROCK1, like its isozyme ROCK2, is a downstream target of the small G-protein Rho and plays a role in smooth muscle contraction, malignant cell transformation, tumor invasion and metastasis, and mediates the cellular morphological changes during apoptosis.

NCBI AND UNIPROT INFORMATION

NCBI GI #	4885583
NCBI GeneID	6093
NCBI Accession #	NP_005397
NCBI GenBank Nucleotide #	NM_005406.2
UniProt Accession #	Q13464; Q2KHM4; Q59GZ4; B0YJ91
Molecular Weight	158,175 Da
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://stage.aaabiotech.com/polyclonal/rock1-antibody-immunofluorescence-immunocytochemistry-western-blot-elisa/39374>