

Rabbit anti-Human, Mouse ROCK1 Polyclonal Antibody | anti-ROCK1 antibody

ROCK1 Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA312128	Rabbit	Human, Mouse	Immunohistochemistry, Western Blot

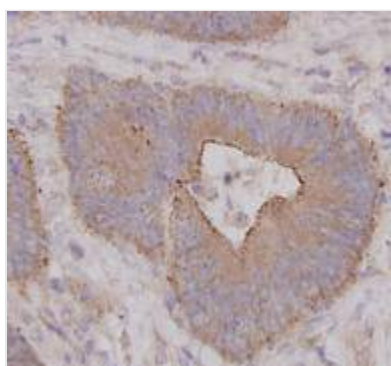
PRODUCT SYNONYMS

ROCK1; Polyclonal Antibody; ROCK1 Antibody; coiled-coil-containing protein kinase 1 antibody; coiled-coil-containing protein kinase I antibody; MGC131603 antibody; MGC43611 antibody; p160 Rhoassociated coiled coil-forming protein kinase antibody; p160 ROCK-1 antibody; p160 ROCK1 antibody; p160ROCK antibody; PRO0435 antibody; Renal carcinoma antigen NY REN 35 antibody; Renal carcinoma antigen NY-REN-35 antibody; Rho associated coiled coil containing protein kinase 1 antibody; Rho associated protein kinase 1 antibody; Rho kinase antibody; Rho-alpha kinase antibody; Rho-associated antibody; Rho-associated protein kinase 1 antibody; ROCK I antibody; ROCK-I antibody; ROCK1 antibody; ROCK1_HUMAN antibody; Rok antibody; rokalpha antibody; anti-ROCK1 antibody

PRODUCT SPECIFICATIONS

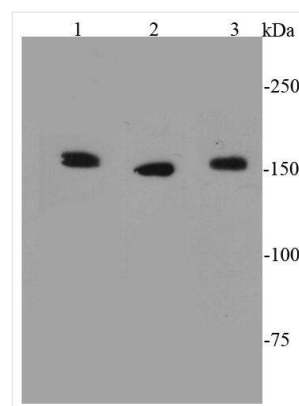
Host	Rabbit
Reactivity	Human, Mouse
Clonality	Polyclonal
Purity/Purification	Peptide affinity purified
Form/Format	1*TBS (pH7.4), 1% BSA, 40% Glycerol. Preservative: 0.05% Sodium Azide.
Applicable Applications for anti-ROCK1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Peptide
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of paraffin-embedded human colon cancer tissue using anti-ROCK1 antibody. Counter stained with hematoxylin.



WB (Western Blot)

Western blot analysis of ROCK1 on different cell lysates using anti-ROCK1 antibody at 1/1000 dilution. Positive control: Lane 1: NIH/3T3 Lane 2: Jurkat Lane 3: Hela

ADDITIONAL INFORMATION

Related Product Information for anti-ROCK1 antibody	ROCK1 is a protein serine/threonine kinase also known as rho-associated, coiled-coil-containing protein kinase 1. ROCK1 has a ubiquitous tissue distribution, but subcellularly it is thought to colocalize with the centrosomes. This is consistent with its function as a key modulator of cell motility, tumor cell invasion, and actin cytoskeleton organization. ROCK1 has a diverse range of functions in the body. It is a key regulator of actin-myosin contraction, stability, and cell polarity. These contribute to many progresses such as regulation of morphology, gene transcription, proliferation, differentiation, apoptosis and oncogenic transformation. Other functions involve smooth muscle contraction, actin cytoskeleton organization, stress fiber and focal adhesion formation, neurite retraction, cell adhesion and motility. These functions are activated by phosphorylation of DAPK3, GFAP, LIMK1, LIMK2, MYL9/MLC2, PFN1 and PPP1R12A.
Product Categories/Family for anti-ROCK1 antibody	Total protein Ab

NCBI AND UNIPROT INFORMATION

NCBI GI #	47605999
NCBI GeneID	6093
UniProt Accession #	Q13464; Q2KHM4; Q59GZ4; B0YJ91
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://stage.aaabiotech.com/polyclonal/rock1-antibody-immunohistochemistry-western-blot-elisa/312128>