

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

ROCK1 Polyclonal Antibody

CATALOG # AAA174430	HOST Rabbit	REACTIVITY Mouse, Rat	APPLICATIONS Immunohistochemistry
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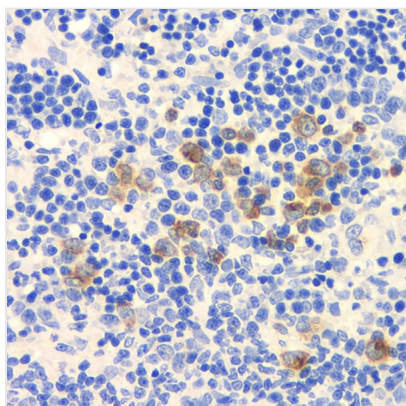
PRODUCT SYNONYMS

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

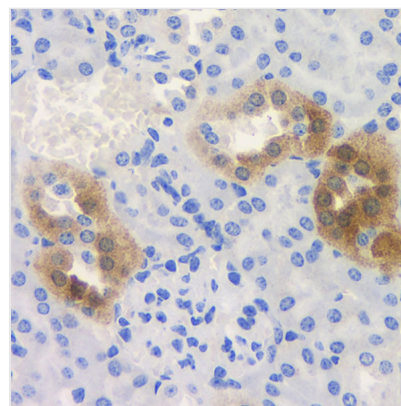
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity Purification
Form/Format	PBS with 0.02% sodium azide, 100 mug/ml BSA and 50% glycerol.
Concentration	300 mug/mL (varies by lot)
Sequence Length	1,353
Applicable Applications for anti-ROCK1 antibody	IHC (Immunohistochemistry)
Immunogen	KLH conjugated synthetic peptide corresponding to Mouse Rock1
Conjugation	Unconjugated
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded rat spleen using ROCK1 Polyclonal Antibody at dilution of 1:300.



IHC (Immunohistochemistry)
Immunohistochemistry analysis of paraffin-embedded mouse kidney using ROCK1 Polyclonal Antibody at dilution of 1:300.

ADDITIONAL INFORMATION

Related Product Information for anti-ROCK1 antibody	This gene encodes a protein serine/threonine kinase that is activated when bound to the GTP-bound form of Rho. The small GTPase Rho regulates formation of focal adhesions and stress fibers of fibroblasts, as well as adhesion and aggregation of platelets and lymphocytes by shuttling between the inactive GDP-bound form and the active GTP-bound form. Rho is also essential in cytokinesis and plays a role in transcriptional activation by serum response factor. This protein, a downstream effector of Rho, phosphorylates and activates LIM kinase, which in turn, phosphorylates cofilin, inhibiting its actin-depolymerizing activity.
Product Categories/Family for anti-ROCK1 antibody	Cancer; Cell Biology; Signal transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	6677759
NCBI GeneID	19877
NCBI Accession #	NP_033097.1
NCBI GenBank Nucleotide #	NM_009071.2
UniProt Accession #	P70335; Q8C3G4; Q8C7H0
Molecular Weight	158,042 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; 1110055K06Rik
NCBI Protein Information	rho-associated protein kinase 1
UniProt Protein Name	Rho-associated protein kinase 1
UniProt Gene Name	Rock1
UniProt Synonym Gene Names	ROCK-I; p160ROCK

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-elisa/174430>