

Rabbit RHOC Polyclonal Antibody | anti-RHOC antibody

RHOC Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA168848	Rabbit	Human, Mouse, Rat	Immunofluorescence, Immunohistochemistry, Western Blot

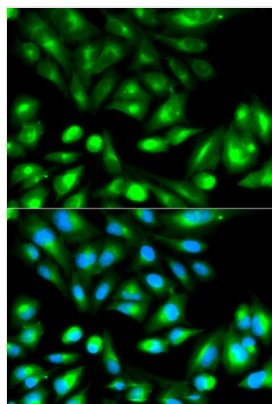
PRODUCT SYNONYMS

RHOC; Polyclonal Antibody; RHOC Antibody; ARH9; ARHC; H9; MGC1448; MGC61427; RHOH9; anti-RHOC antibody

PRODUCT SPECIFICATIONS

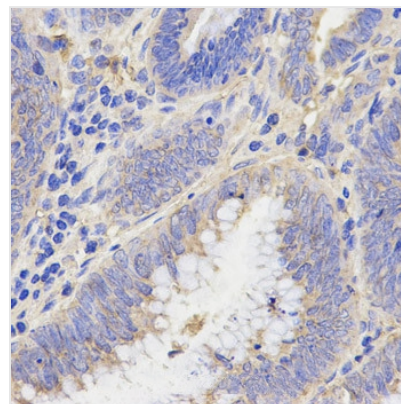
Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Antigen affinity purification
Concentration	1mg/mL (varies by lot)
Sequence Length	193
Applicable Applications for anti-RHOC antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	Recombinant protein of human RHOC
Buffer	PBS with 0.02% sodium azide, 50% glycerol, pH7.3
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-12116 / sc-26480
Preparation and Storage	Store at -20 degree C (regular) and -80 degree C (long term). Avoid freeze / thaw cycles.

IMAGES



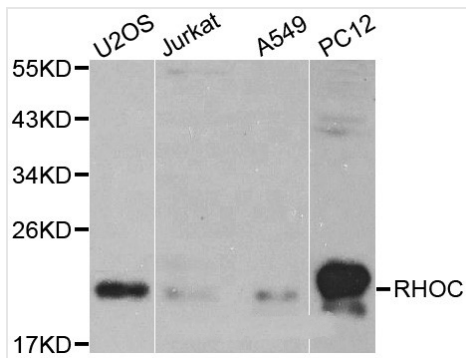
IF (Immunofluorescence)

Immunofluorescence analysis of HeLa cell using RHOC antibody. Blue: DAPI for nuclear staining.



IHC (Immunohistochemistry)

Immunohistochemistry of paraffin-embedded human rectal cancer using RHOC antibody at dilution of 1:200 (x400 lens)



WB (Western Blot)

Western blot analysis of extracts of various cell lines, using RHOC antibody.

ADDITIONAL INFORMATION

Related Product Information for anti-RHOC antibody

Rho family small GTPases, including Rho, Rac and cdc42, act as molecular switches, regulating processes such as cell migration, adhesion, proliferation and differentiation. They are activated by guanine nucleotide exchange factors (GEFs), which catalyze the exchange of bound GDP for GTP, and inhibited by GTPase activating proteins (GAPs), which catalyze the hydrolysis of GTP to GDP. A third level of regulation is provided by the stoichiometric binding of Rho GDP dissociation inhibitor (RhoGDI) (1). RhoA, RhoB and RhoC are highly homologous, but appear to have divergent biological functions. Carboxy-terminal modifications and differences in subcellular localization allow these three proteins to respond to and act on distinct signaling molecules (2, 3).

NCBI AND UNIPROT INFORMATION

NCBI GI #	111494251
NCBI GeneID	389
NCBI Accession #	NP_001036144.1
NCBI GenBank Nucleotide #	NM_001042679.1
Molecular Weight	22,006 Da
NCBI Official Full Name	rho-related GTP-binding protein RhoC
NCBI Official Synonym Full Names	ras homolog family member C
NCBI Official Symbol	RHOC
NCBI Official Synonym Symbols	H9; ARH9; ARHC; RHOH9
NCBI Protein Information	rho-related GTP-binding protein RhoC; RAS-related homolog 9; oncogene RHO H9; ras homolog gene family, member C; rho cDNA clone 9; rhoC GTPase; small GTP binding protein RhoC
UniProt Protein Name	Rho-related GTP-binding protein RhoC
UniProt Gene Name	RHOC
UniProt Synonym Gene Names	ARH9; ARHC; h9
UniProt Entry Name	RHOC_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/rhoc-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/168848>