

Rabbit RHOC Polyclonal Antibody | anti-RHOC antibody

RHOC Antibody (C-term)

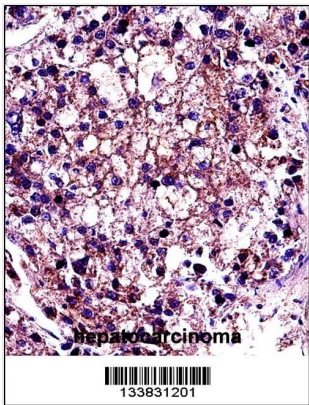
CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA286839	Rabbit	Human (Predicted Reactivity: Bovine, Mouse)	Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

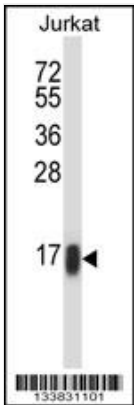
RHOC; Polyclonal Antibody; RHOC Antibody (C-term); Rho-related GTP-binding protein RhoC; Rho cDNA clone 9; h9; ARH9; ARHC; anti-RHOC antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human (Predicted Reactivity: Bovine, Mouse)
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This RHOC antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 102-130 amino acids from the C-terminal region of human RHOC.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	102-130
Sequence Length	193
Applicable Applications for anti-RHOC antibody	IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.



IHC (Immunohistochemistry)
RHOC Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human hepatocarcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of RHOC Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)
RHOC Antibody (C-term) western blot analysis in Jurkat cell line lysates (35ug/lane). This demonstrates the RHOC antibody detected the RHOC protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-RHOC antibody	This gene encodes a member of the Rho family of small GTPases, which cycle between inactive GDP-bound and active GTP-bound states and function as molecular switches in signal transduction cascades. Rho proteins promote reorganization of the actin cytoskeleton and regulate cell shape, attachment, and motility. The protein encoded by this gene is prenylated at its C-terminus, and localizes to the cytoplasm and plasma membrane. It is thought to be important in cell locomotion. Overexpression of this gene is associated with tumor cell proliferation and metastasis. Multiple alternatively spliced variants, encoding the same protein, have been identified.
Product Categories/Family for anti-RHOC antibody	Cancer; Signal Transduction
References	Jiang, L., et al. Int. J. Cancer 127(3):505-512(2010) Wu, M., et al. Cancer 116 (11 SUPPL), 2768-2782 (2010) : Lipkin, S.M., et al. Cancer Prev Res (Phila) 3(5):597-603(2010) Kitzing, T.M., et al. Oncogene 29(16):2441-2448(2010) Segat, L., et al. Vaccine 28(10):2201-2206(2010)

NCBI AND UNIPROT INFORMATION

NCBI GI #	111494248
NCBI GeneID	389
NCBI Accession #	NP_001036143.1; NP_001036144.1; NP_786886.1
NCBI GenBank Nucleotide #	NM_001042678.1
UniProt Accession #	P08134; Q6ICN3; B3KSW1
Molecular Weight	22006
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
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-immunohistochemistry-western-blot-elisa/286839>