

Datasheet for ABIN687157
anti-RHOC antibody (AA 101-193)[2 Images](#)[1 Publication](#)[Go to Product page](#)

Overview

Quantity:	100 µL
Target:	RHOC
Binding Specificity:	AA 101-193
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This RHOC antibody is un-conjugated
Application:	Western Blotting (WB), ELISA, Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunohistochemistry (Frozen Sections) (IHC (fro)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human Rho C
Isotype:	IgG
Cross-Reactivity:	Human, Mouse
Predicted Reactivity:	Rat,Dog,Horse,Chicken,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	RHOC
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Target Details

Alternative Name:	Rho C (RHOC Products)
Background:	<p>Synonyms: H9, ARH9, ARHC, RHOH9, Rho-related GTP-binding protein RhoC, Rho cDNA clone 9, RHOC</p> <p>Background: Regulates a signal transduction pathway linking plasma membrane receptors to the assembly of focal adhesions and actin stress fibers. Serves as a microtubule-dependent signal that is required for the myosin contractile ring formation during cell cycle cytokinesis. Regulates apical junction formation in bronchial epithelial cells.</p>
Gene ID:	389
UniProt:	P08134
Pathways:	WNT Signaling, Cell-Cell Junction Organization

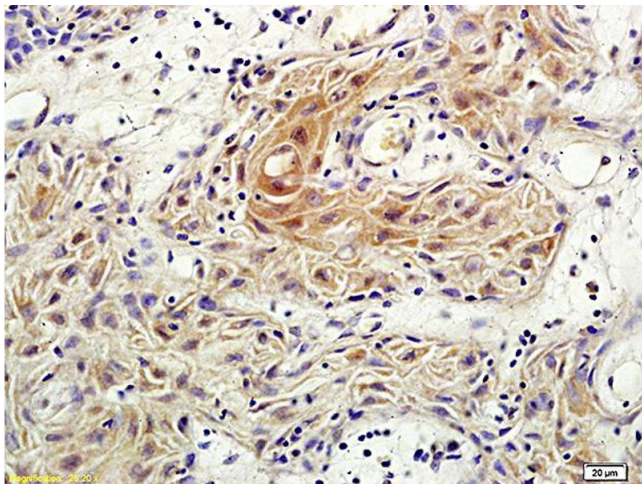
Application Details

Application Notes:	<p>WB 1:300-5000</p> <p>ELISA 1:500-1000</p> <p>IHC-P 1:200-400</p> <p>IHC-F 1:100-500</p> <p>IF(IHC-P) 1:50-200</p> <p>IF(IHC-F) 1:50-200</p> <p>IF(ICC) 1:50-200</p>
Restrictions:	For Research Use only

Handling

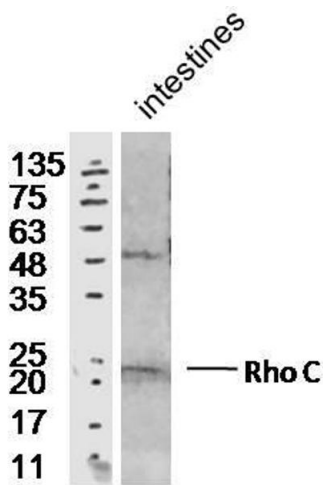
Format:	Liquid
Concentration:	1 µg/µL
Buffer:	0.01M TBS(pH 7.4) with 1 % BSA, 0.02 % Proclin300 and 50 % Glycerol.
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.
Storage:	4 °C,-20 °C
Storage Comment:	Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.
Expiry Date:	12 months

Product cited in: He, Wei, Du, Meng, Zheng, Lai, Yao, Zhou, Wang, Luo, Ma, Zhang: "Transcription of HOTAIR is regulated by RhoC-MRTF-A-SRF signaling pathway in human breast cancer cells." in: **Cellular signalling**, Vol. 31, pp. 87-95, (2017) ([PubMed](#)).



Immunohistochemistry

Image 1. Formalin-fixed and paraffin embedded human vulvar cancer labeled with Anti-Rho C Polyclonal Antibody, Unconjugated (ABIN687157) followed by conjugation to the secondary antibody and DAB staining



Western Blotting

Image 2. Mouse intestines lysates probed with Rabbit Anti-RhoC Polyclonal Antibody, Unconjugated at 1:300 overnight at 4°C. Followed by a conjugated secondary antibody at 1:10000 for 90 min at 37°C.