antibodies -online.com





anti-RHOC antibody (N-Term)





RHOC

Publication



Go to Product page

()	1 /	-	r٧	/ 1	0	A .
	1//	\vdash	1 \/	/ I	_	۱/۱
\sim	٧.	\sim	1 V		$\overline{}$	V١

Target:

Quantity:	100 μL		
Target:	RHOC		
Binding Specificity:	N-Term		
Reactivity:	Human, Mouse, Rat, Dog, Rabbit, Cow, Guinea Pig, Zebrafish (Danio rerio), Horse, Saccharomyces cerevisiae, Goat, Sheep		
Host:	Rabbit		
Clonality:	Polyclonal		
Conjugate:	This RHOC antibody is un-conjugated		
Application:	Western Blotting (WB), Immunohistochemistry (IHC)		
Product Details			
Immunogen:	The immunogen is a synthetic peptide directed towards the N terminal region of human RHOC		
Sequence:	VPTVFENYIA DIEVDGKQVE LALWDTAGQE DYDRLRPLSY PDTDVILMCF		
Predicted Reactivity:	Cow: 100%, Dog: 100%, Goat: 100%, Guinea Pig: 100%, Horse: 100%, Human: 100%, Mouse: 100%, Rabbit: 100%, Rat: 100%, Sheep: 100%, Yeast: 100%, Zebrafish: 100%		
Characteristics:	This is a rabbit polyclonal antibody against RHOC. It was validated on Western Blot using a cell lysate as a positive control.		
Purification:	Affinity Purified		
Target Details			

Target Details

	RHOC (RHOC Products)
Background:	RHOC Is 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. RHOC 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 RHOC is associated with tumor cell proliferation and metastasis. 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.
	Alias Symbols: ARH9, ARHC, H9, MGC1448, MGC61427, RH0H9
	Protein Interaction Partner: FAM65B, UBC, env, ATF2, PPP3CA, CDK2, LNX1, CAV1, CIT,
	ARHGAP1, RTKN, DIAPH1, ROCK1, VHL, ARHGDIA,
	Protein Size: 193
Molecular Weight:	22 kDa
	389
Gene ID:	309
	NM_175744, NP_786886
Gene ID: NCBI Accession: UniProt:	
NCBI Accession:	NM_175744, NP_786886
NCBI Accession: UniProt:	NM_175744, NP_786886 P08134
NCBI Accession: UniProt: Pathways:	NM_175744, NP_786886 P08134
NCBI Accession: UniProt: Pathways: Application Details	NM_175744, NP_786886 P08134 WNT Signaling, Cell-Cell Junction Organization
NCBI Accession: UniProt: Pathways: Application Details Application Notes:	NM_175744, NP_786886 P08134 WNT Signaling, Cell-Cell Junction Organization Optimal working dilutions should be determined experimentally by the investigator.
NCBI Accession: UniProt: Pathways: Application Details Application Notes: Comment:	NM_175744, NP_786886 P08134 WNT Signaling, Cell-Cell Junction Organization Optimal working dilutions should be determined experimentally by the investigator. Antigen size: 193 AA

Handling

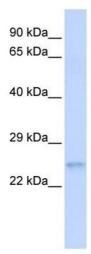
Concentration:	Lot specific
Buffer:	Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-20 °C
Storage Comment:	For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Publications	

Publications

Product cited in:

Ewing, Chu, Elisma, Li, Taylor, Climie, McBroom-Cerajewski, Robinson, OConnor, Li, Taylor, Dharsee, Ho, Heilbut, Moore, Zhang, Ornatsky, Bukhman, Ethier, Sheng, Vasilescu, Abu-Farha, Lambert, Duewel et al.: "Large-scale mapping of human protein-protein interactions by mass spectrometry. ..." in: Molecular systems biology, Vol. 3, pp. 89, (2007) (PubMed).

Images



Western Blotting

Image 1. WB Suggested Anti-RHOC Antibody Titration:

0.2-1 ug/ml

ELISA Titer: 1:62500

Positive Control: Human Liver