

For Research Use Only

# RHOC Polyclonal antibody

Catalog Number: 10632-1-AP **19 Publications**



## Basic Information

<b>Catalog Number:</b> 10632-1-AP	<b>GenBank Accession Number:</b> BC007245	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 300 ug/ml	<b>GeneID (NCBI):</b> 389	<b>Recommended Dilutions:</b> WB 1:2000-1:16000 IHC 1:800-1:3200
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P08134	
<b>Isotype:</b> IgG	<b>Full Name:</b> ras homolog gene family, member C	
<b>Immunogen Catalog Number:</b> AG0988	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 22 kDa	

## Applications

<b>Tested Applications:</b> WB, IHC, ELISA	<b>Positive Controls:</b> WB : A549 cells, NIH/3T3 cells, C6 cells, HeLa cells IHC : human skin cancer tissue,
<b>Cited Applications:</b> WB, IHC, IP	
<b>Species Specificity:</b> human, mouse, rat	
<b>Cited Species:</b> human, mouse, rat	
<b>Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0</b>	

## Background Information

Ras homolog family member C (RHOC) encodes a Rho-related GTP-binding protein, which belongs to small GTPase superfamily and also Rho family. RHOC. Regulates a signal transduction pathway linking plasma membrane receptors to the assembly of focal adhesions and actin stress fibers. Expression of RHOC contributes to metastatic phenotype of melanoma cells and is associated with multiple cancers including gastric carcinomas, ovarian carcinomas and breast cancer as well.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yu Lian	30326930	J Exp Clin Cancer Res	WB
Xiu-Bo Sang	27748937	Oncol Rep	
Shuo Chen	28984384	Mol Carcinog	WB, IHC

## Storage

**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
Aliquoting is unnecessary for -20°C storage

For technical support and original validation data for this product please contact:

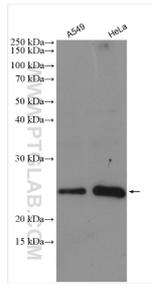
T: 4006900926

E: Proteintech-CN@ptglab.com

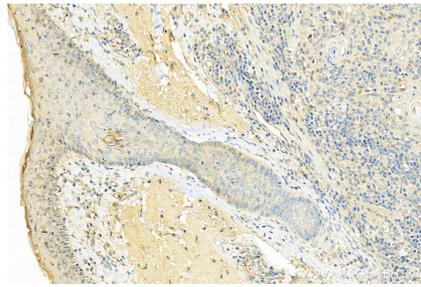
W: ptgcn.com

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 10632-1-AP (RHOC antibody) at dilution of 1:8000 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded skin cancer slide using 10632-1-AP (RHOC antibody) at dilution of 1:1600 (under 20x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).