

For Research Use Only

# RHOA Recombinant antibody, PBS Only

Catalog Number: 82760-2-PBS

Featured Product



## Basic Information

Catalog Number:

82760-2-PBS

Size:

100ug, Concentration: 1 mg/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG1141

GenBank Accession Number:

BC005976

GeneID (NCBI):

387

UNIPROT ID:

P61586

Full Name:

ras homolog gene family, member A

Calculated MW:

22 kDa

Observed MW:

22 kDa

Purification Method:

Protein A purification

CloneNo.:

240880E5

## Applications

Tested Applications:

WB, IF/ICC, Indirect ELISA

Species Specificity:

human, mouse, rat

## Background Information

RhoA 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. Overexpression of RhoA is associated with tumor cell proliferation and metastasis. RhoA signalling is critical to many cellular processes including migration, mechanotransduction, and is often disrupted in carcinogenesis.

## Storage

Storage:

Store at -80°C.

Storage Buffer:

PBS Only

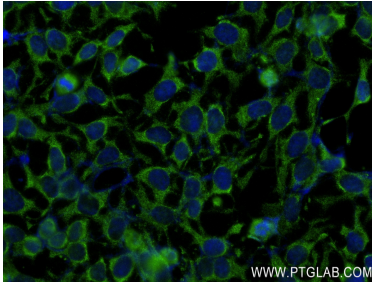
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

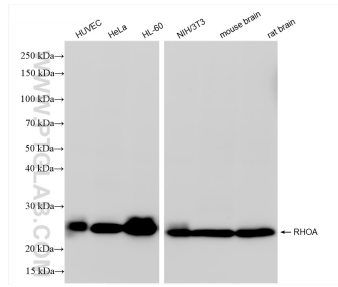
E: [proteintech@ptglab.com](mailto:proteintech@ptglab.com)  
W: [ptglab.com](http://ptglab.com)

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

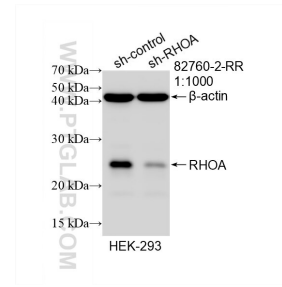
## Selected Validation Data



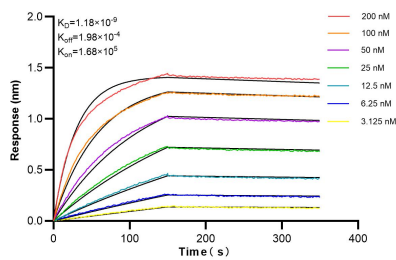
Immunofluorescent analysis of (-20°C Ethanol) fixed HeLa cells using RHOA antibody (82760-2-RR, Clone: 240880E5 ) at dilution of 1:400 and CoraLite®488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2). This data was developed using the same antibody clone with 82760-2-PBS in a different storage buffer formulation.



Various lysates were subjected to SDS PAGE followed by western blot with 82760-2-RR (RHOA antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 82760-2-PBS in a different storage buffer formulation.



WB result of RHOA antibody (82760-2-RR; 1:1000; incubated at room temperature for 1.5 hours) with sh-Control and sh-RHOA transfected HEK-293 cells. This data was developed using the same antibody clone with 82760-2-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 82760-2-RR against Human RHOA were performed. The affinity constant is 1.18 nM.