

For Research Use Only

# RND3 Monoclonal antibody

Catalog Number: 66228-1-Ig

Featured Product

4 Publications



## Basic Information

Catalog Number:

66228-1-Ig

Size:

1373  $\mu$ g/ml

Source:

Mouse

Isotype:

IgG2b

Immunogen Catalog Number:

AG18839

GenBank Accession Number:

BC012513

GeneID (NCBI):

390

UNIPROT ID:

P61587

Full Name:

Rho family GTPase 3

Calculated MW:

244 aa, 27 kDa

Observed MW:

29 kDa

Purification Method:

Protein A purification

CloneNo.:

3H8F9

Recommended Dilutions:

WB 1:1000-1:4000

## Applications

Tested Applications:

WB, ELISA

Cited Applications:

WB, IF

Species Specificity:

human, pig

Cited Species:

human

Positive Controls:

WB : fetal human brain tissue,

## Background Information

Rnd3, also known as RhoE, belongs to the Rnd subclass of the Rho family of small guanosine triphosphate (GTP)-binding proteins. Rnd proteins are unique due to their inability to switch from a GTP-bound to GDP-bound conformation. The basic role of Rnd3 is to report as an endogenous antagonist of RhoA signaling-mediated actin cytoskeleton dynamics, which specifically contributes to cell migration and neuron polarity. Rnd3 also plays a critical role in arresting cell cycle distribution, inhibiting cell growth, and inducing apoptosis and differentiation.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yetao Xu	30195759	Mol Ther Nucleic Acids	WB
Zhongming Shao	32705255	Int J Mol Med	WB
Li Xia Yuan	35987078	Virology	WB

## 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:

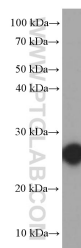
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

W: [ptgcn.com](http://ptgcn.com)

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

## Selected Validation Data



fetal human brain tissue were subjected to SDS PAGE followed by western blot with 66228-1-Ig (RND3 Antibody) at dilution of 1:2000 incubated at room temperature for 1.5 hours.