

For Research Use Only

RND3 Monoclonal antibody

Catalog Number: 66228-1-Ig

Featured Product

4 Publications



Basic Information

Catalog Number:

66228-1-Ig

Size:

150ul, Concentration: 1373 ug/ml by Bradford method using BSA as the standard;

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

*** 20ul sizes contain 0.1% BSA

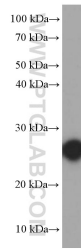
For technical support and original validation data for this product please contact:

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E: proteintech@ptglab.com
W: ptglab.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.