

For Research Use Only

RND3 Monoclonal antibody, PBS Only



Catalog Number: 66228-1-PBS

Featured Product

Basic Information

Catalog Number:

66228-1-PBS

Size:

1 mg/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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, pig

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.

Storage

Storage:

Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS Only

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

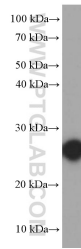
T: 4006900926

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



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. This data was developed using the same antibody clone with 66228-1-PBS in a different storage buffer formulation.