

For Research Use Only

RND3 Monoclonal antibody, PBS Only



Catalog Number: 66228-1-PBS

Featured Product

Basic Information

Catalog Number:

66228-1-PBS

Size:

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

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.

Storage Buffer:

PBS Only

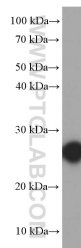
For technical support and original validation data for this product please contact:

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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.