

For Research Use Only

RND3 Monoclonal antibody, PBS Only



Catalog Number: 66228-1-PBS

Featured Product

Basic Information

Catalog Number: 66228-1-PBS	GenBank Accession Number: BC012513	Purification Method: Protein A purification
Size: 100ug, Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 390	CloneNo.: 3H8F9
Source: Mouse	UNIPROT ID: P61587	
Isotype: IgG2b	Full Name: Rho family GTPase 3	
Immunogen Catalog Number: AG18839	Calculated MW: 244 aa, 27 kDa	
	Observed MW: 29 kDa	

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

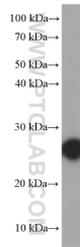
Storage:
Store at -80°C.

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA) E: proteintech@ptglab.com
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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.