

For Research Use Only

RAB3A Monoclonal antibody

Catalog Number: 68052-1-Ig



Basic Information

Catalog Number: 68052-1-Ig	GenBank Accession Number: BC011782	Purification Method: Protein A purification
Size: 500 µg/ml	GeneID (NCBI): 5864	CloneNo.: 1B12E9
Source: Mouse	UNIPROT ID: P20336	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG2b	Full Name: RAB3A, member RAS oncogene family	
Immunogen Catalog Number: AG8148	Calculated MW: 25 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications:

WB, ELISA

Species Specificity:

Human, mouse, rat, pig, rabbit, chicken

Positive Controls:

WB : pig brain tissue, rabbit brain tissue, rat brain tissue, mouse brain tissue, chicken brain tissue, rabbit cerebellum tissue, rat cerebellum tissue

Background Information

Rab3A is a small G-protein of the Rab family, that is implicated in vesicle fusion and regulated secretion, particularly in neurotransmitter release. Rab3 subfamily small G proteins (Rab3A, Rab3B, Rab3C, and Rab3D) control the regulated exocytosis in neuronal/secretory cells. Rab3A is the most abundant Rab GTPase in brain, where it is associated with synaptic vesicles. Rab3a is believed to modulate secretion efficiency by stimulating vesicle recruitment to sites of exocytosis and/ or by recruiting regulatory molecules to the docking/ fusion machinery.

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:

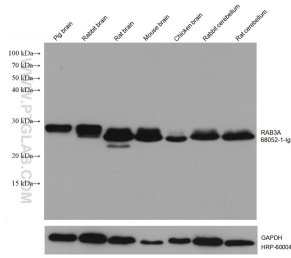
T: 4006900926

E: Proteintech-CN@ptglab.com

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



pig brain tissue were subjected to SDS PAGE followed by western blot with 68052-1-Ig (RAB3A antibody) at dilution of 1:20000 incubated at room temperature for 1.5 hours. The membrane was stripped and reblotted with HRP-conjugated GAPDH Monoclonal antibody (HRP-60004) as loading control.