

For Research Use Only

RAB3A Recombinant monoclonal antibody, PBS Only

Catalog Number: 87642-2-PBS



Basic Information

Catalog Number: 87642-2-PBS	GenBank Accession Number: NM_002866.4	Purification Method: Protein A purification
Size: 100ug , Concentration: 1 mg/ml by Nanodrop;	GeneID (NCBI): 5864	CloneNo.: 253076D12
Source: Rabbit	UNIPROT ID: P20336	
Isotype: IgG	Full Name: RAB3A, member RAS oncogene family	
Immunogen Catalog Number: EG5438	Calculated MW: 25 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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

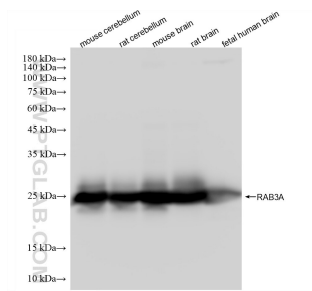
Storage:
Store at -80°C.

Storage Buffer:
PBS only, pH7.3

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)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 87642-2-RR (RAB3A antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87642-2-PBS in a different storage buffer formulation.