

For Research Use Only

RAB3D Recombinant monoclonal antibody, PBS Only (Capture)

Catalog Number: 87655-2-PBS



Basic Information

Catalog Number: 87655-2-PBS	GenBank Accession Number: NM_004283.3	Purification Method: Protein A purification
Source: Rabbit	GeneID (NCBI): 9545	CloneNo.: 253078A7
Isotype: IgG	UNIPROT ID: O95716	
Immunogen Catalog Number: EG5570	Full Name: RAB3D, member RAS oncogene family	
	Calculated MW: 24 kDa	
	Observed MW: 24-27 kDa	

Applications

Tested Applications:
WB, Cytometric bead array, Indirect ELISA

Species Specificity:
human

Background Information

Rab3D is a member of the Rab3 subfamily, which comprises four isoforms (Rab3A, Rab3B, Rab3C, and Rab3D). Rab3 proteins typically associate with secretory vesicles, including synaptic vesicles, and have been implicated in the control of regulated exocytosis. Rab3D is widely expressed in adipocytes, exocrine glands and several haematopoietic cells, where it localizes to secretory granules and vesicles.

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, pH7.3

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

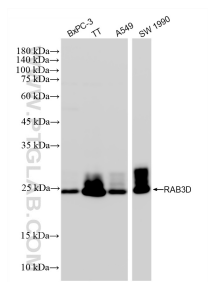
T: 4006900926

E: Proteintech-CN@ptglab.com

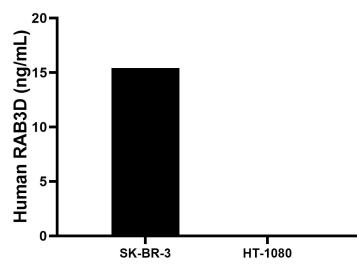
W: ptgcn.com

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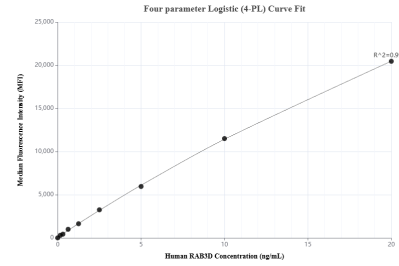
Selected Validation Data



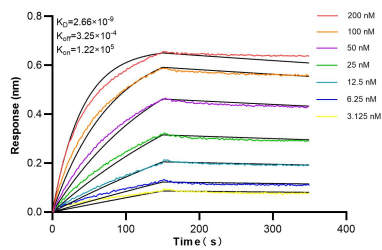
Various lysates were subjected to SDS PAGE followed by western blot with 87655-2-RR (RAB3D antibody) at dilution of 1:5000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 87655-2-PBS in a different storage buffer formulation.



The mean RAB3D concentration was determined to be 15.4 ng/mL in SK-BR-3 cell extract based on a 1.5 mg/mL extract load, HT-1080 cell extract were served as a negative control.



Cytometric bead array standard curve of MP03138-1, RAB3D Recombinant Matched Antibody Pair, PBS Only. Capture antibody: 87655-2-PBS. Detection antibody: 87655-3-PBS. Standard: Eg5570. Range: 0.156-20 ng/mL.



Bi-layer interferometry (BLI) kinetic assays of 87655-2-RR against Human RAB3D were performed. The affinity constant is 2.66 nM.