

For Research Use Only

ARL4D Recombinant antibody

Catalog Number: 84163-3-RR



Basic Information

Catalog Number: 84163-3-RR	GenBank Accession Number: BC000043	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 379	CloneNo.: 241503B7
Source: Rabbit	UNIPROT ID: P49703	Recommended Dilutions: WB 1:5000-1:50000
Isotype: IgG	Full Name: ADP-ribosylation factor-like 4D	
Immunogen Catalog Number: AG7369	Calculated MW: 22 kDa	
	Observed MW: 25-27 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : Y79 cells, mouse retina tissue, rat retina tissue
Species Specificity: human	

Background Information

ARL4D (ADP-ribosylation factor-like protein 4D) is also named as ARF4L. ARL4D is a developmentally regulated member of the ADP-ribosylation factor/ARF-like protein (ARF/ARL) family of Ras-related GTPases. ARL4D interacts with the C-terminal pleckstrin homology (PH) and polybasic c domains of cytohesin-2/ARNO in a GTP-dependent manner. Localization of ARL4D at the plasma membrane is GTP- and N-terminal myristoylation-dependent. ARL4D(Q80L), a putative active form of ARL4D, induced accumulation of cytohesin-2/ARNO at the plasma membrane (PMID: 17804820).

Storage

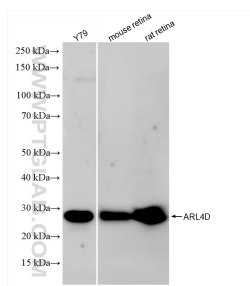
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

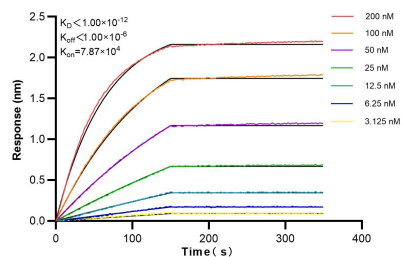
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84163-3-RR (ARL4D antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84163-3-RR against Human ARL4D were performed. The affinity constant is below 1 pM.