

For Research Use Only

# ARL4D Recombinant antibody, PBS Only

Catalog Number: 84163-3-PBS



## Basic Information

<b>Catalog Number:</b> 84163-3-PBS	<b>GenBank Accession Number:</b> BC000043	<b>Purification Method:</b> Protein A purification
<b>Size:</b> 1 mg/ml	<b>GeneID (NCBI):</b> 379	<b>CloneNo.:</b> 241503B7
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> P49703	
<b>Isotype:</b> IgG	<b>Full Name:</b> ADP-ribosylation factor-like 4D	
<b>Immunogen Catalog Number:</b> AG7369	<b>Calculated MW:</b> 22 kDa	
	<b>Observed MW:</b> 25-27 kDa	

## Applications

**Tested Applications:**  
WB, Indirect ELISA

**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 -80°C.  
**The product is shipped with ice packs. Upon receipt, store it immediately at -80°C**

**Storage Buffer:**  
PBS Only

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

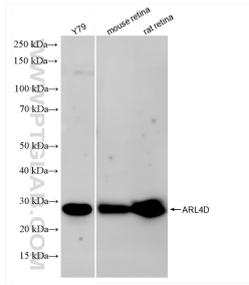
T: 4006900926

E: [Proteintech-CN@ptglab.com](mailto:Proteintech-CN@ptglab.com)

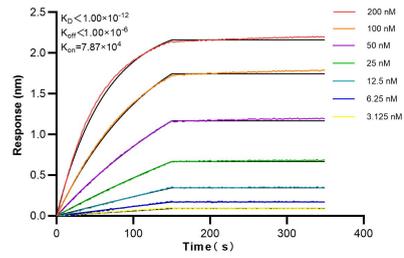
W: [ptgcn.com](http://ptgcn.com)

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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. This data was developed using the same antibody clone with 84163-3-PBS in a different storage buffer formulation.



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