

For Research Use Only

# ARRDC1 Polyclonal antibody

Catalog Number: 21030-1-AP



## Basic Information

<b>Catalog Number:</b> 21030-1-AP	<b>GenBank Accession Number:</b> BC032346	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 450 ug/ml	<b>GeneID (NCBI):</b> 92714	<b>Recommended Dilutions:</b> WB 1:500-1:1000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q8N5I2	
<b>Isotype:</b> IgG	<b>Full Name:</b> arrestin domain containing 1	
<b>Immunogen Catalog Number:</b> AG15341	<b>Calculated MW:</b> 433 aa, 46 kDa	
	<b>Observed MW:</b> 46-50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : HEK-293 cells, HEK-293 exosomes, human plasma, human plasma exosomes
<b>Species Specificity:</b> human	

## Background Information

ARRDC1, or Arrestin-Domain Containing Protein 1, is a protein that plays a significant role in the formation and release of extracellular vesicles, specifically a subtype known as ARMMs (Arrestin-Domain Containing Protein 1-mediated microvesicles). ARRDC1 is localized to the cytosolic side of the plasma membrane and recruits the ESCRT-I complex protein TSG101 to initiate outward membrane budding. This protein is also involved in the regulation of protein cargo and release of extracellular vesicles, including both exosomes and ectosomes. The absence of ARRDC1 can lead to changes in the protein cargo within these vesicles, indicating its importance in the sorting and packaging process.

## 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:

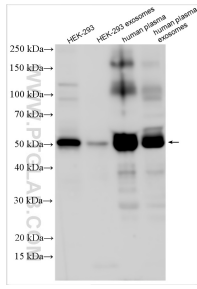
T: 4006900926

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

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

**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 21030-1-AP (ARRDC1 antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.