

For Research Use Only

# ARMC3 Polyclonal antibody

Catalog Number: 28418-1-AP



## Basic Information

|   |  |   |
|---|--|---|
| <b>Catalog Number:</b><br>28418-1-AP        | <b>GenBank Accession Number:</b><br>BC039312       | <b>Purification Method:</b><br>Antigen affinity purification                          |
| <b>Size:</b><br>400 µg/ml                   | <b>GeneID (NCBI):</b><br>219681                    | <b>Recommended Dilutions:</b><br>IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate |
| <b>Source:</b><br>Rabbit                    | <b>UNIPROT ID:</b><br>Q5W041                       |   |
| <b>Isotype:</b><br>IgG                      | <b>Full Name:</b><br>armadillo repeat containing 3 |   |
| <b>Immunogen Catalog Number:</b><br>AG29268 | <b>Calculated MW:</b><br>872 aa, 96 kDa            |   |
|   | <b>Observed MW:</b><br>96-100 kDa                  |   |

## Applications

|   |   |
|---|---|
| <b>Tested Applications:</b><br>IP, ELISA    | <b>Positive Controls:</b><br>IP: mouse testis tissue, |
| <b>Species Specificity:</b><br>Human, Mouse |   |

## Background Information

ARMC3 (Armadillo Repeat Containing 3), also known as the  $\beta$  catenin-like protein, belongs to the CT81 family and is located at 10p12.31. ARMC3 the mouse ortholog of Vac8. It is reported that ARMC3 is important for autophagic elimination of cytosolic ribosomes during spermiogenesis and thus provides energy for flagellar motility (PMID: 34428398). ARMC3 has been identified in many cancer tissues and is thought to play a role in tumor initiation and metastasis.

## 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:

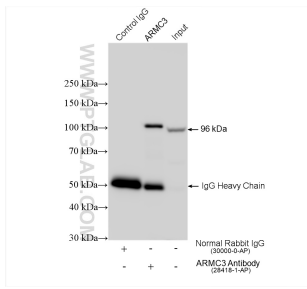
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**This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.**

## Selected Validation Data



IP result of anti-ARMC3 (IP:28418-1-AP, 4ug;  
Detection:28418-1-AP 1:800) with mouse testis  
tissue lysate 1120 ug.