

For Research Use Only

# ARMC3 Polyclonal antibody

Catalog Number: 28418-1-AP

1 Publications



## Basic Information

Catalog Number:

28418-1-AP

Size:

150ul, Concentration: 400 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG29268

GenBank Accession Number:

BC039312

GeneID (NCBI):

219681

UNIPROT ID:

Q5W041

Full Name:

armadillo repeat containing 3

Calculated MW:

872 aa, 96 kDa

Observed MW:

96-100 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

## Applications

Tested Applications:

IP, ELISA

Cited Applications:

WB, IP

Species Specificity:

Human, Mouse

Cited Species:

mouse

Positive Controls:

IP: mouse testis tissue,

## 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.

## Notable Publications

Author	Pubmed ID	Journal	Application
Yiling Zhou	39704931	Sci China Life Sci	WB, IP

## 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

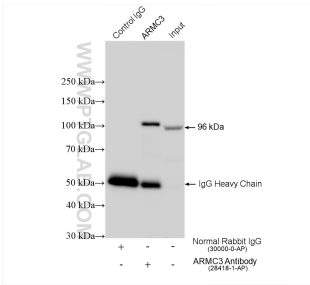
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## Selected Validation Data



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