

For Research Use Only

# ARMC9 Polyclonal antibody

Catalog Number: 28001-1-AP



## Basic Information

Catalog Number:

28001-1-AP

Size:

600 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG27511

GenBank Accession Number:

BC004514

GeneID (NCBI):

80210

UNIPROT ID:

Q7Z3E5

Full Name:

armadillo repeat containing 9

Calculated MW:

817 aa, 92 kDa

Observed MW:

76-78 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

IF/ICC 1:200-1:800

## Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : human placenta tissue, mouse placenta tissue,  
mouse retina tissue, rat retina tissue

IF/ICC : hTERT-RPE1 cells,

## Background Information

ARMC9 (Armadillo Repeat Containing 9) belongs to the ARMC subfamily characterized by a class of tandem repeat proteins with a length of approximately 42 amino acids (PMID: 34912852). ARMC9 localizes to centrioles and the proximal portion of the cilium in mammalian cilia (PMID: 32453716). The variants of ARMC9 lead to Joubert syndrome (JBTS), a recessive neurodevelopmental ciliopathy characterized by hypotonia, ataxia, abnormal eye movements, and variable cognitive impairment (PMID: 28625504; PMID: 32453716). ARMC9 has two isoforms with molecular weights of 92 kDa and 76 kDa.

## 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:

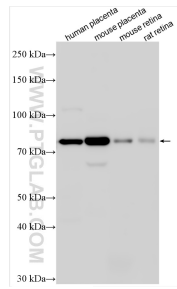
T: 4006900926

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

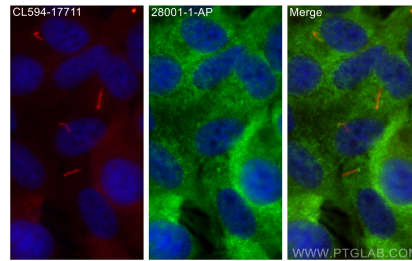
W: [ptgcn.com](http://ptgcn.com)

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## Selected Validation Data



human placenta tissue were subjected to SDS PAGE followed by western blot with 28001-1-AP (ARMC9 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.



Immunofluorescent analysis of (4% PFA) fixed hTERT-RPE1 cells using ARMC9 antibody (28001-1-AP) at dilution of 1:400 and Multi-rAb CoraLite® Plus 488-Goat Anti-Rabbit Recombinant Secondary Antibody (H+L) (RGAR002), CoraLite® 594 ARL13B antibody (CL594-17711, red).