

For Research Use Only

ARMC9 Polyclonal antibody

Catalog Number: 28001-1-AP



Basic Information

Catalog Number: 28001-1-AP	GenBank Accession Number: BC004514	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 600 ug/ml by Nanodrop;	GeneID (NCBI): 80210	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q7Z3E5	IF/ICC 1:200-1:800
Isotype: IgG	Full Name: armadillo repeat containing 9	
Immunogen Catalog Number: AG27511	Calculated MW: 817 aa, 92 kDa	
	Observed MW: 76-78 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	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

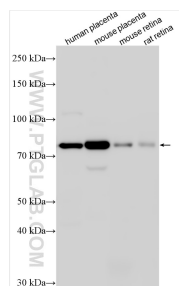
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

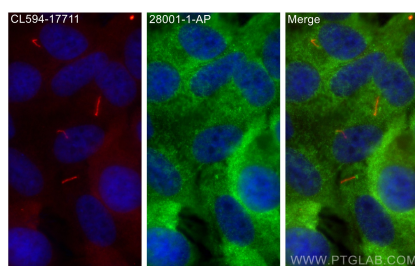
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
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Selected Validation Data



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).