

For Research Use Only

ARMC9 Recombinant antibody, PBS Only

Catalog Number: 84724-4-PBS



Basic Information

Catalog Number: 84724-4-PBS	GenBank Accession Number: BC004514	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 80210	CloneNo.: 242346G7
Source: Rabbit	UNIPROT ID: Q7Z3E5	
Isotype: IgG	Full Name: armadillo repeat containing 9	
Immunogen Catalog Number: AG27511	Calculated MW: 817 aa, 92 kDa	
	Observed MW: 75 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

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 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 -80°C.
The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS Only

For technical support and original validation data for this product please contact:

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84724-4-RR (ARMC9 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 84724-4-PBS in a different storage buffer formulation.