

For Research Use Only

ARMC9 Recombinant antibody

Catalog Number: 84724-4-RR



Basic Information

Catalog Number: 84724-4-RR	GenBank Accession Number: BC004514	Purification Method: Protein A purification
Size: 100ul , Concentration: 1000 µg/ml by Nanodrop;	GeneID (NCBI): 80210	CloneNo.: 242346G7
Source: Rabbit	UNIPROT ID: Q7Z3E5	Recommended Dilutions: WB 1:5000-1:50000
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, ELISA	Positive Controls:
Species Specificity: human, mouse, rat	WB : SH-SY5Y cells, mouse brain tissue, mouse placenta tissue, mouse retina tissue, rat retina tissue, human placenta tissue

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 -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:
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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.