

For Research Use Only

ODAD2 Polyclonal antibody

Catalog Number: 25641-1-AP



Basic Information

Catalog Number: 25641-1-AP	GenBank Accession Number: BC140846	Purification Method: Antigen affinity purification
Size: 650 µg/ml	GeneID (NCBI): 55130	Recommended Dilutions: WB 1:1000-1:6000
Source: Rabbit	UNIPROT ID: Q5T258	
Isotype: IgG	Full Name: armadillo repeat containing 4	
Immunogen Catalog Number: AG22387	Calculated MW: 1044 aa, 116 kDa	
	Observed MW: 116 kDa	

Applications

Tested Applications: WB, ELISA	Positive Controls: WB : mouse testis tissue,
Species Specificity: human, mouse	

Background Information

ODAD2 contains ten Armadillo repeat motifs (ARMs) and one HEAT repeat, and is thought to be involved in ciliary and flagellar movement. This protein has been shown to localize to the ciliary axonemes and at the ciliary base of respiratory cells. Studies indicate that mutations in this gene cause partial outer dynein arm (ODA) defects in respiratory cilia. The cilia of cells with mutations in this gene displayed either reduced ciliary beat frequency and amplitude, or, complete immotility. Some individuals with primary ciliary dyskensia (PCD) have been shown to have mutations in this gene. PCD is characterized by chronic airway disease and left/right body asymmetry defects.

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:

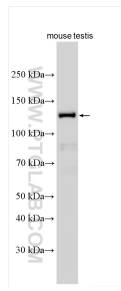
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Selected Validation Data



mouse testis tissue were subjected to SDS PAGE followed by western blot with 25641-1-AP (ARMC4 antibody) at dilution of 1:3000 incubated at room temperature for 1.5 hours.