

For Research Use Only

ODAD2 Polyclonal antibody

Catalog Number: 25641-1-AP



Basic Information

Catalog Number:

25641-1-AP

Size:

150ul, Concentration: 650 ug/ml by Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22387

GenBank Accession Number:

BC140846

GeneID (NCBI):

55130

UNIPROT ID:

Q5T2S8

Full Name:

armadillo repeat containing 4

Calculated MW:

1044 aa, 116 kDa

Observed MW:

116 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:1000-1:6000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse

Positive Controls:

WB : mouse testis tissue,

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 dyskinesia (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

*** 20ul sizes contain 0.1% BSA

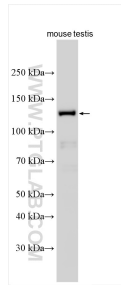
For technical support and original validation data for this product please contact:

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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

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.