

For Research Use Only

Whirlin Polyclonal antibody

Catalog Number: 25881-1-AP



Basic Information

Catalog Number:

25881-1-AP

Size:

800 ug/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG22807

GenBank Accession Number:

BC014524

GeneID (NCBI):

25861

UNIPROT ID:

Q9P202

Full Name:

deafness, autosomal recessive 31

Calculated MW:

907 aa, 97 kDa

Observed MW:

46-50 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:2000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : COLO 320 cells,

Background Information

Whirlin, also known as WHRN, DFNB31, and CIP98, is a cytoskeletal scaffold protein that plays an important role in the visual and auditory systems. In retina photoreceptors, Whirlin is required for the maintenance of periciliary membrane complexes that regulate intracellular protein transport. Mutations in Whirlin are associated with autosomal recessive nonsyndromic deafness and Usher syndrome (PMID: 17171570, 15841483).

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:

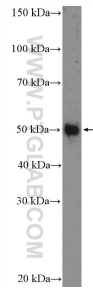
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This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

Selected Validation Data



COLO 320 cells were subjected to SDS PAGE followed by western blot with 25881-1-AP (Whirlin antibody at dilution of 1:1000 incubated at room temperature for 1.5 hours.