

For Research Use Only

# Whirlin Polyclonal antibody

Catalog Number: 25881-1-AP



## Basic Information

<b>Catalog Number:</b> 25881-1-AP	<b>GenBank Accession Number:</b> BC014524	<b>Purification Method:</b> Antigen affinity purification
<b>Size:</b> 150ul , Concentration: 800 ug/ml by Nanodrop and 407 ug/ml by Bradford method using BSA as the standard;	<b>GeneID (NCBI):</b> 25861	<b>Recommended Dilutions:</b> WB 1:500-1:2000
<b>Source:</b> Rabbit	<b>UNIPROT ID:</b> Q9P202	
<b>Isotype:</b> IgG	<b>Full Name:</b> deafness, autosomal recessive 31	
<b>Immunogen Catalog Number:</b> AG22807	<b>Calculated MW:</b> 907 aa, 97 kDa	
	<b>Observed MW:</b> 46-50 kDa	

## Applications

<b>Tested Applications:</b> WB, ELISA	<b>Positive Controls:</b> WB : COLO 320 cells,
<b>Species Specificity:</b> human	

## 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

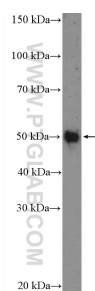
**Storage:**  
Store at -20°C. Stable for one year after shipment.  
**Storage Buffer:**  
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.  
**Aliquoting is unnecessary for -20°C storage**

\*\*\* 20ul sizes contain 0.1% BSA

For technical support and original validation data for this product please contact:  
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)  
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## 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.