

For Research Use Only

Harmonin Polyclonal ANTIBODY



Catalog Number: 11358-1-AP **1 Publications**

Basic Information

Catalog Number: 11358-1-AP	GenBank Accession Number: BC016057	Purification Method: Antigen affinity purification
Size: 150UL, Concentration: 153 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 10083	Recommended Dilutions: WB 1:500-1:1000 IP 0.5-4.0 µg for IP and 1:500-1:1000 for WB
Source: Rabbit	Full Name: Usher syndrome 1C (autosomal recessive, severe)	IHC 1:20-1:200 IF 1:10-1:100
Isotype: IgG	Calculated MW: 552 aa, 62 kDa	
Immunogen Catalog Number: AG1919	Observed MW: 68-73 kDa	

Applications

Tested Applications: IF, IHC, IP, WB, ELISA	Positive Controls: WB: HEK-293 cells, IP: HEK-293 cells, IHC: human prostate cancer tissue, IF: HepG2 cells,
Cited Applications: IF, WB	
Species Specificity: human, mouse, rat	
Cited Species: mouse	
Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0	

Background Information

Harmonin, also known as USH1C, is a scaffold protein which interacts with other USH1 proteins (USH1B/myosin VIIa and USH1G/sans) to form complex and is implicated in proper development, morphogenesis, and structural integrity of the hair cell mechanoreceptor. Mutations of Harmonin cause Usher syndrome type 1 (congenital deafness and balance disorder, and early-onset sight loss).

Notable Publications

Author	Pubmed ID	Journal	Application
Fabian Jansen	26620972	Hum Mol Genet	WB,IF

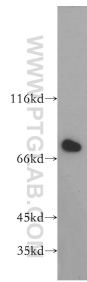
Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.1% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

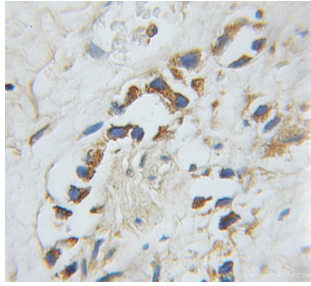
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
W: ptglab.com

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

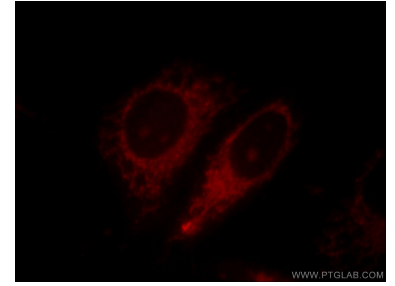
Selected Validation Data



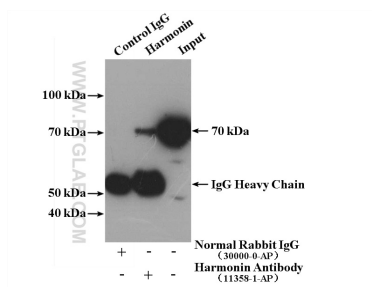
HEK-293 cells were subjected to SDS PAGE followed by western blot with 11358-1-AP (Harmonin antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded human prostate cancer using 11358-1-AP (Harmonin antibody) at dilution of 1:50 (under 10x lens).



Immunofluorescent analysis of HepG2 cells, using USH1C antibody 11358-1-AP at 1:25 dilution and Rhodamine-labeled goat anti-rabbit IgG (red).



IP Result of anti-Harmonin (IP:11358-1-AP, 4ug; Detection:11358-1-AP 1:600) with HEK-293 cells lysate 3000ug.