

USH1C Antibody

USH1C, AIE-75, DFNB18, PDZ-45, PDZ-73, HARMONIN, NY-CO-37, NY-CO-38, PDZ-73/NY-CO-38, Usher syndrome 1C (autosomal recessive, severe), harmonin, PDZ-73 protein, ush1cpst, deafness, autosomal recessive 18

CATALOG NO.: 46-554

HOST:
Goat

CLONALITY:
Polyclonal

INFORMATION:

USH1C Antibody. This antibody is expected to recognize both reported isoforms (NP_005700.2 and NP_710142.1).

SOURCE:

USH1C antibody was raised against a synthetic peptide of USH1C.

PROTEIN ACCESSION NUMBER(S) :

NP_005700.2, NP_710142.1

SPECIES REACTIVITY:

Human, Mouse, Rat

TESTED APPLICATION:

WB, E, IHC

APPLICATION:

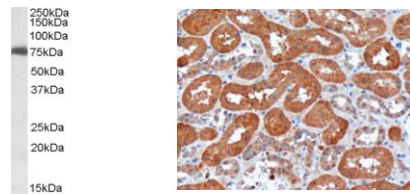
Peptide ELISA: antibody detection limit dilution 1:128,000.
Western Blot: Approx 75kDa band observed in lysates of cell line HEK293 (calculated MW of 62.2kDa according to NP_005700.2). Recommended concentration: 0.1-0.3µg/ml.

PURIFICATION:

Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.

BUFFER:

0.1mg of purified antibody in 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.



Western blot analysis of USH1C in HEK293 lysate (35µg protein in RIPA buffer) using USH1C antibody (0.1µg/ml).
USH1C staining of paraffin embedded Human Kidney using USH1C antibody at 10µg/ml.

STORAGE:

Aliquot and store at -20°C. Minimize freezing and thawing.

REFERENCE:

Verpy E, Leibovici M, Zwaenepoel I, Liu XZ, Gal A, Salem N, Mansour A, Blanchard S, Kobayashi I, Keats BJ, Slim R, Petit C. A defect in harmonin, a PDZ domain-containing protein expressed in the inner ear sensory hair cells, underlies Usher syndrome type

USER NOTES:

When working with antibodies optimal dilutions/concentrations should be determined by the end user for each application. The information provided is a guideline for antibody use. As with all ProSci antibodies, this antibody is for research use only.