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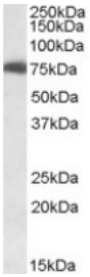
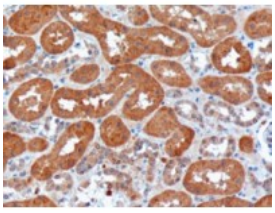
USH1C Antibody

CATALOG NUMBER: 46-554



Western blot analysis of USH1C in HEK293 lysate (35 ug protein in RIPA buffer) using USH1C Antibody at 0.1 ug/mL.



USH1C staining of paraffin embedded human kidney using USH1C Antibody at 10 ug/mL.

Specifications

SPECIES REACTIVITY:	Human
TESTED APPLICATIONS:	ELISA, IHC, WB
APPLICATIONS:	ELISA: Antibody detection limit dilution 1:128,000. Western Blot: Approximately 75 kDa band observed in HEK293 lysate (calculated MW of 62.2 kDa according to NP_005700.2). Recommended concentration: 0.1-0.3 ug/mL.
POSITIVE CONTROL:	1) Cat. No. 1305 - Human Kidney Tissue Lysate
SPECIFICITY:	This antibody is expected to recognize both reported isoforms (NP_005700.2 and NP_710142.1).
IMMUNOGEN:	USH1C antibody was raised against a 13 amino acid synthetic peptide near the N-Terminus of USH1C.
HOST SPECIES:	Goat

Properties

PURIFICATION:	USH1C antibody was purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
PHYSICAL STATE:	Liquid
BUFFER:	USH1C antibody is supplied in Tris saline, 0.02% sodium azide, pH 7.3 with 0.5% bovine serum albumin.
CONCENTRATION:	500 ug/mL
STORAGE CONDITIONS:	Aliquot and store at -20˚C. Minimize freezing and thawing.
CLONALITY:	Polyclonal
CONJUGATE:	Unconjugated

Additional Info

ALTERNATE NAMES:	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, AIE75
ACCESSION NO.:	NP_005700.2, NP_710142.1
PROTEIN GI NO.:	71480164

OFFICIAL SYMBOL:	USH1C
GENE ID:	10083

Background

REFERENCES:	1) 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 1C. Nat Genet. 2000 Sep;26(1):51-5.

FOR RESEARCH USE ONLY

December 13, 2016