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Research Use Only. Not for diagnostic or therapeutic use.

EB06287 - Goat Anti-USH1C / Harmonin Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: USH1C, harmonin, 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), PDZ-73 protein, ush1cpst, deafness, autosomal recessive 18

Official Symbol: USH1C

Accession Number(s): NP_005700.2; NP_710142.1

Human GeneID(s): 10083

Non-Human GenelD(s): 72088 (mouse), 308596 (rat)

Important Comments: This antibody is expected to recognize both reported isoforms

(NP_005700.2 and NP_710142.1).

Immunogen

Peptide with sequence DRKVAREFRHKVD-C, from the N Terminus of the protein sequence according to NP_005700.2; NP_710142.1.

Please note the peptide is available for sale.

Purification and Storage

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

Supplied at 0.5 mg/ml in Tris saline, 0.02% sodium azide, pH7.3 with 0.5% bovine serum albumin.

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

Applications Tested

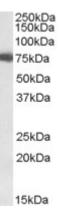
Peptide ELISA: antibody detection limit dilution 1:128000.

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.

Species Reactivity

Tested: Human

Expected from sequence similarity: Human, Mouse, Rat, Cow



EB06287 (0.1 μ g/ml) staining of HEK293 lysate (35 μ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.