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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 GeneID(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.