

#### **International Office**

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# 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**

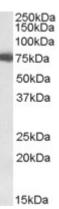
Peptide ELISA: antibody detection limit dilution 1:128000.

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 $\mu$ g/ml) staining of HEK293 lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.