

## UK Office

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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

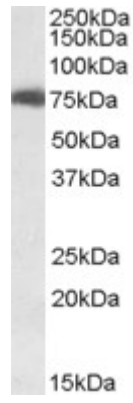
**Peptide ELISA:** antibody detection limit dilution 1:128000.

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