



## UK Office

### Everest Biotech Ltd

Cherwell Innovation Centre  
77 Heyford Park  
Upper Heyford  
Oxfordshire  
OX25 5HD  
UK

Enquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[sales@everestbiotech.com](mailto:sales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: +44 (0)1869 238326

Fax: +44 (0)1869 238327

## US Office

### Everest Biotech c/o Abcore

405 Maple Street, Suite A106  
Ramona,  
CA 92065  
USA

Inquiries:

[info@everestbiotech.com](mailto:info@everestbiotech.com)

Sales:

[usasales@everestbiotech.com](mailto:usasales@everestbiotech.com)

Tech support:

[support@everestbiotech.com](mailto:support@everestbiotech.com)

Tel: 888-320-4628 (toll-free)

Fax: 888-841-9041

[www.everestbiotech.com](http://www.everestbiotech.com)

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