



## UK Office

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**Research Use Only. Not for  
diagnostic or therapeutic use.**

## EB08847 - Goat Anti-CDH23 / USH1D Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** CDH23, USH1D, cadherin-like 23, DFNB12, DKFZp434P2350, FLJ00233, FLJ36499, KIAA1774, KIAA1812, MGC102761, USH1H,

OTTHUMP00000044780, cadherin 23, cadherin related 23, cadherin-23, otocadherin

**Official Symbol:** CDH23

**Accession Number(s):** NP\_071407.3; NP\_443068.1

**Human GeneID(s):** [64072](#)

**Important Comments:** This antibody is expected to recognize both reported isoforms (NP\_071407.3; NP\_443068.1).

### Immunogen

Peptide with sequence C-YNISLYENVTVGTS, from the internal region of the protein sequence according to NP\_071407.3; NP\_443068.1.

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 1:1000.

**Western blot:** Approx 60kDa band observed in Human Brain (Amygdala and Frontal Cortex lysates (calculated MW of 58.6kDa according to NP\_443068.1). Recommended concentration: 1-3µg/ml.

### Species Reactivity

**Tested:** Human

**Expected from sequence similarity:** Human



EB08847 (1 $\mu$ g/ml) staining of Human Amygdala lysate (35 $\mu$ g protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.