



## International Office

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

## EB09671 - Goat Anti-Connexin 30 / GJB6 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GJB6, gap junction protein, beta 6, 30kDa, CX30, DFNA3, ED2, EDH, HED, OTTHUMP00000018096, OTTHUMP00000176870, OTTHUMP00000176871, OTTHUMP00000176872, connexin 30, ectodermal dysplasia 2, hidrotic (Clouston syndrome), gap junction protein, beta 6, gap junction protein, beta 6 (connexin 30)

**Official Symbol:** GJB6

**Accession Number(s):** NP\_006774.2

**Human GeneID(s):** [10804](#)

**Non-Human GeneID(s):** 14623 (mouse), 84403 (rat)

**Important Comments:** Reported variants represent identical protein: NP\_006774.2, NP\_001103691.1, NP\_001103689.1, NP\_001103690.1

### Immunogen

Peptide with sequence C-RSKRAQTQKNHPNH, from the internal region of the protein sequence according to NP\_006774.2.

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 1:16000.

**Western blot:** Preliminary experiments gave an approx 14kDa band in Human Brain (Cerebellum) and Rat Brain lysates after 1µg/ml antibody staining. Please note that currently we cannot find an explanation in the literature for the band we observe given the calculated size of 30.4kDa according to NP\_006774.2. The 14kDa band was successfully blocked by incubation with the immunizing peptide. We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates? Have any further splice variants/modified forms been reported?

### Species Reactivity

**Tested:**

**Expected from sequence similarity:** Human, Mouse, Rat, Cow