

## UK Office

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

## EB09654 - Goat Anti-GJC3 / connexin 29 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GJC3, gap junction protein, gamma 3, 30.2kDa, CX30.2, CX31.3, Cx29, GJE1, connexin 29, connexin 30.2, connexin 31.3, gap junction protein, epsilon 1, 29kDa

**Official Symbol:** GJC3

**Accession Number(s):** NP\_853516.1

**Human GeneID(s):** [349149](#)

### Immunogen

Peptide with sequence C-LTSESTRRHKKATDS, from the internal region of the protein sequence according to NP\_853516.1.

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 1:32000.

**Western blot:** Preliminary experiments gave an approx 60kDa band in Human Brain (Cerebellum) and in Human Skeletal Muscle lysates after 0.5µg/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 31.3kDa according to NP\_853516.1. The 60kDa 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, Dog