

## UK Office

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

## EB09672 - Goat Anti-Connexin 50 / GJA8 Antibody

Size: 100µg specific antibody in 200µl



### Target Protein

**Principal Names:** GJA8, gap junction protein, alpha 8, 50kDa, CAE, CAE1, CX50, CZP1, MP70, OTTHUMP00000025757, connexin 50, gap junction membrane channel protein alpha-8, connexin-50, gap junction alpha-8 protein, lens fiber protein MP70, lens intrinsic membrane protein MP70

**Official Symbol:** GJA8

**Accession Number(s):** NP\_005258.2

**Human GeneID(s):** [2703](#)

**Non-Human GeneID(s):** 14616 (mouse), 29601 (rat)

### Immunogen

Peptide with sequence TPSLCPELTDDAR, from the internal region of the protein sequence according to NP\_005258.2.

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 1:4000.

**Western blot:** Preliminary experiments in Human Brain (Spinal Cord), Mouse and Rat Eye lysates gave no specific signal but low background (at antibody concentration up to 1µg/ml). We would appreciate any feedback from people in the field - have any results been reported with other antibodies/lysates?

### Species Reactivity

**Tested:**

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