

UK Office

Everest Biotech Ltd

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

Enquiries:

info@everestbiotech.com

Sales:

sales@everestbiotech.com

Tech support:

support@everestbiotech.com

Tel: +44 (0)1869 238326

www.everestbiotech.com

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

EB07536 - Goat Anti-GJB2 / Connexin 26 Antibody

Size: 100µg specific antibody in 200µl



Target Protein

Principal Names: GJB2, Connexin 26, gap junction protein, beta 2, 26kDa (connexin 26), CX26, DFNA3, DFNB1, HID, KID, NSRD1, PPK, gap junction protein beta 2, gap junction protein, beta 2, 26kD (connexin 26)

Official Symbol: GJB2

Accession Number(s): NP_003995.2

Human GeneID(s): [2706](#)

Non-Human GeneID(s): 14619 (mouse), 394266 (rat)

Immunogen

Peptide with sequence YLLIRYCSGKSKKP, from the C Terminus of the protein sequence according to NP_003995.2.

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 1:128000.

Western blot: Approx 26kDa band observed in Mouse Brain lysates (calculated MW of 26.4kDa according to Mouse NP_032151.1 and 26.2kDa according to Human NP_003995.2). Recommended concentration: 0.01-0.03µg/ml.

Species Reactivity

Tested: Mouse

Expected from sequence similarity: Human, Mouse, Rat

EB07536 (0.01µg/ml) staining of Mouse Brain lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.