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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