

GJC3 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP17731b**Specification**

GJC3 Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q8NFK1](#)**GJC3 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 349149**Other Names**

Gap junction gamma-3 protein, Connexin-302, Cx302, Connexin-313, Cx313, Gap junction epsilon-1 protein, GJC3, GJE1

Format

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

Precautions

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

GJC3 Antibody (C-term) Blocking Peptide - Protein Information**Name** GJC3**Synonyms** GJE1**Function**

One gap junction consists of a cluster of closely packed pairs of transmembrane channels, the connexons, through which materials of low MW diffuse from one cell to a neighboring cell.

Cellular Location

Cell membrane; Multi-pass membrane protein. Cell junction, gap junction

Tissue Location

CNS specific. Expression is restricted to brain, spinal cord, and sciatic nerve. According to PubMed:12881038, expression is abundant in skeletal muscle, liver, and heart, and to a minor degree in pancreas and kidney.

GJC3 Antibody (C-term) Blocking Peptide - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

GJC3 Antibody (C-term) Blocking Peptide - Images

GJC3 Antibody (C-term) Blocking Peptide - Background

This gene encodes a gap junction protein. The encoded protein, also known as a connexin, plays a role in formation of gap junctions, which provide direct connections between neighboring cells. Mutations in this gene have been reported to be associated with nonsyndromic hearing loss.

GJC3 Antibody (C-term) Blocking Peptide - References

Yang, J.J., et al. Hum. Genet. 128(3):303-313(2010) Ramchander, P.V., et al. Genet Test Mol Biomarkers 14(4):539-541(2010) Hong, H.M., et al. Hum. Genet. 127(2):191-199(2010) Wang, W.H., et al. Audiol. Neurotol. 15(2):81-87(2010) Sargiannidou, I., et al. Neurobiol. Dis. 30(2):221-233(2008)