

GJD4 Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP5034b**Specification**

GJD4 Antibody (C-term) Blocking Peptide - Product Information

Primary Accession [Q96KN9](#)

GJD4 Antibody (C-term) Blocking Peptide - Additional Information

Gene ID 219770

Other Names

Gap junction delta-4 protein, Connexin-401, Cx401, GJD4, CX401

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.

GJD4 Antibody (C-term) Blocking Peptide - Protein Information

Name GJD4

Synonyms CX40.1

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

Expressed in pancreas, kidney, skeletal muscle, liver, placenta, and heart.

GJD4 Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

GJD4 Antibody (C-term) Blocking Peptide - Images**GJD4 Antibody (C-term) Blocking Peptide - Background**

Connexins, such as GJD4, are involved in the formation of gap junctions, intercellular conduits that directly connect the cytoplasms of contacting cells. Each gap junction channel is formed by docking of 2 hemichannels, each of which contains 6 connexin subunits.

GJD4 Antibody (C-term) Blocking Peptide - References

Sohl, G., et al. Cell Commun. Adhes. 10(1):27-36(2003)