

**GJA10 Antibody (C-term) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP1550b****Specification**

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**GJA10 Antibody (C-term) Blocking Peptide - Product Information**Primary Accession [P57773](#)**GJA10 Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 81025**Other Names**

Gap junction alpha-9 protein, Connexin-58, Cx58, Connexin-59, Cx59, Gap junction alpha-10 protein, GJA9, GJA10

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP1550b](/product/products/AP1550b) was selected from the C-term region of human GJA10. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**GJA10 Antibody (C-term) Blocking Peptide - Protein Information****Name** GJA9**Synonyms** GJA10**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**

Highly abundant in skeletal muscle. Also detected in testis.

## **GJA10 Antibody (C-term) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

## **GJA10 Antibody (C-term) Blocking Peptide - Images**

## **GJA10 Antibody (C-term) Blocking Peptide - Background**

GJA8 is a an integral membrane protein that belongs to the connexin family, alpha-type (group II) subfamily. 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. A connexon is composed of a hexamer of connexins.