

**CLDND1 Antibody (Center) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP9729c****Specification**

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**CLDND1 Antibody (Center) Blocking Peptide - Product Information**

Primary Accession [Q9NY35](#)

**CLDND1 Antibody (Center) Blocking Peptide - Additional Information**

**Gene ID** 56650

**Other Names**

Claudin domain-containing protein 1, Membrane protein GENX-3745, CLDND1, C3orf4

**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.

**CLDND1 Antibody (Center) Blocking Peptide - Protein Information**

**Name** CLDND1

**Synonyms** C3orf4

**Function**

Plays a role in negatively regulating the permeability of cells to small molecules.

**Cellular Location**

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

**Tissue Location**

Widely distributed in the adult CNS with highest expression in the corpus callosum, caudate nucleus, cerebral cortex, medulla, putamen, spinal cord, substantia nigra and subthalamic nucleus. Weak expression was detected in the adult heart

**CLDND1 Antibody (Center) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**CLDND1 Antibody (Center) Blocking Peptide - Images****CLDND1 Antibody (Center) Blocking Peptide - Background**

CLDND1 is widely distributed in the adult CNS with highest expression in the corpus callosum, caudate nucleus, cerebral cortex, medulla, putamen, spinal cord, substantia nigra and subthalamic nucleus. Weak expression has been detected in the adult heart. There are 2 named isoforms produced by alternative splicing.

**CLDND1 Antibody (Center) Blocking Peptide - References**

Liu, Y., et al. Lung Cancer 56(3):307-317(2007) Fayein, N.A., et al. Gene 289 (1-2), 119-129 (2002)