

ZACN Antibody (C-term) Blocking Peptide
Synthetic peptide
Catalog # BP5090b**Specification**

ZACN Antibody (C-term) Blocking Peptide - Product InformationPrimary Accession [Q401N2](#)**ZACN Antibody (C-term) Blocking Peptide - Additional Information****Gene ID** 353174**Other Names**

Zinc-activated ligand-gated ion channel, Ligand-gated ion channel zinc-activated 1, Ligand-gated ion-channel receptor L2, ZACN, L2, LGICZ, LGICZ1, ZAC

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.

ZACN Antibody (C-term) Blocking Peptide - Protein Information**Name** ZACN ([HGNC:29504](#))**Function**Ligand-gated cation channel that allows the movement of sodium and potassium monoatomic cations across cell membranes when activated by zinc (Zn²⁺), copper (Cu²⁺), and changes in pH (PubMed:<<http://www.uniprot.org/citations/26872532>>26872532). Could also transport cesium (PubMed:<<http://www.uniprot.org/citations/26872532>>26872532).**Cellular Location**

Cell membrane; Multi-pass membrane protein

Tissue Location

Detected in pancreas, brain, liver, placenta, trachea, kidney, spinal cord, stomach and fetal brain. In the adult brain region expression is detected in the hippocampus, striatum, amygdala and thalamus.

ZACN Antibody (C-term) Blocking Peptide - Protocols

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

- [Blocking Peptides](#)

ZACN Antibody (C-term) Blocking Peptide - Images

ZACN Antibody (C-term) Blocking Peptide - Background

ZACN is a zinc-activated ligand-gated ion channel that defines a new subgroup of the cysteine-loop superfamily of ligand-gated ion channels.

ZACN Antibody (C-term) Blocking Peptide - References

Houtani, T., et al. Biochem. Biophys. Res. Commun. 335(2):277-285(2005) Davies, P.A., et al. J. Biol. Chem. 278(2):712-717(2003)