

LGI3 Antibody(Center) Blocking peptide
Synthetic peptide
Catalog # BP19469c**Specification**

LGI3 Antibody(Center) Blocking peptide - Product InformationPrimary Accession [Q8N145](#)**LGI3 Antibody(Center) Blocking peptide - Additional Information****Gene ID** 203190**Other Names**

Leucine-rich repeat LGI family member 3, LGI1-like protein 4, Leucine-rich glioma-inactivated protein 3, LGI3, LGIL4

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.

LGI3 Antibody(Center) Blocking peptide - Protein Information**Name** LGI3**Synonyms** LGIL4**Function**

May participate in the regulation of neuronal exocytosis.

Cellular Location

Secreted. Cytoplasmic vesicle, secretory vesicle, synaptic vesicle {ECO:0000250|UniProtKB:Q8K406}. Synapse, synaptosome {ECO:0000250|UniProtKB:Q8K406}. Cell projection, axon {ECO:0000250|UniProtKB:Q8K406}. Note=Found in the synaptosomal membrane fraction. Within peripheral myelinated axons, LGI3 is highly expressed at the juxtaparanodal membrane and colocalizes with the voltage-gated potassium channels Kv1.1 (KCNA1) and Kv1.2 (KCNA2), and with CNTNAP2, DLG4, ADAM22 and ADAM23 (By similarity) {ECO:0000250|UniProtKB:Q8K406}

Tissue Location

Widely expressed, with highest levels in brain and lung.

LGI3 Antibody(Center) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

LGI3 Antibody(Center) Blocking peptide - Images**LGI3 Antibody(Center) Blocking peptide - Background**

LGI3 may participate in the regulation of neuronal exocytosis (By similarity).

LGI3 Antibody(Center) Blocking peptide - References

Okabayashi, S., et al. Neuroreport 19(12):1175-1179(2008)Clark, H.F., et al. Genome Res. 13(10):2265-2270(2003)Staub, E., et al. Trends Biochem. Sci. 27(9):441-444(2002)Scheel, H., et al. Hum. Mol. Genet. 11(15):1757-1762(2002)Gu, W., et al. FEBS Lett. 519 (1-3), 71-76 (2002) :