

DLG3 (C-term) Blocking peptide
Synthetic peptide
Catalog # BP19408b**Specification**

DLG3 (C-term) Blocking peptide - Product InformationPrimary Accession [Q92796](#)**DLG3 (C-term) Blocking peptide - Additional Information****Gene ID** 1741**Other Names**

Disks large homolog 3, Neuroendocrine-DLG, Synapse-associated protein 102, SAP-102, SAP102, XLMR, DLG3, KIAA1232

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.

DLG3 (C-term) Blocking peptide - Protein Information**Name** DLG3**Synonyms** KIAA1232**Function**

Required for learning most likely through its role in synaptic plasticity following NMDA receptor signaling.

DLG3 (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

DLG3 (C-term) Blocking peptide - Images**DLG3 (C-term) Blocking peptide - Background**

This gene encodes a member of the membrane-associated guanylate kinase protein family. The

encoded protein may play a role in clustering of NMDA receptors at excitatory synapses. It may also negatively regulate cell proliferation through interaction with the C-terminal region of the adenomatous polyposis coli tumor suppressor protein. Mutations in this gene have been associated with X-linked mental retardation. Alternatively spliced transcript variants have been described.

DLG3 (C-term) Blocking peptide - References

Bailey, S.D., et al. Diabetes Care (2010) In press : Zanni, G., et al. Neurogenetics
11(2):251-255(2010) Talmud, P.J., et al. Am. J. Hum. Genet. 85(5):628-642(2009) Gill, M.B., et al. J.
Biol. Chem. 284(21):14503-14512(2009) Rikova, K., et al. Cell 131(6):1190-1203(2007)