

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

## Specification

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### DLG3 (C-term) Blocking peptide - Product Information

Primary 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)