

**DLG2 Blocking Peptide (Center)**  
**Synthetic peptide**  
**Catalog # BP20636c****Specification****DLG2 Blocking Peptide (Center) - Product Information**Primary Accession [Q15700](#)**DLG2 Blocking Peptide (Center) - Additional Information****Gene ID** 1740**Other Names**

Disks large homolog 2, Channel-associated protein of synapse-110, Chapsyn-110, Postsynaptic density protein PSD-93, DLG2

**Target/Specificity**

The synthetic peptide sequence is selected from aa 614-628 of HUMAN DLG2

**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.

**DLG2 Blocking Peptide (Center) - Protein Information****Name** DLG2**Function**

Required for perception of chronic pain through NMDA receptor signaling. Regulates surface expression of NMDA receptors in dorsal horn neurons of the spinal cord. Interacts with the cytoplasmic

**DLG2 Blocking Peptide (Center) - Background**

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**DLG2 Blocking Peptide (Center) - References**

Kim E.,et al.Neuron 17:103-113(1996).  
Ota T.,et al.Nat. Genet. 36:40-45(2004).  
Bechtel S.,et al.BMC Genomics 8:399-399(2007).  
Taylor T.D.,et al.Nature 440:497-500(2006).  
Totoki Y.,et al.Submitted (MAR-2005) to the EMBL/GenBank/DDBJ databases.

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**Cellular Location**

Cell membrane

{ECO:0000250|UniProtKB:Q63622};

Lipid-anchor

{ECO:0000250|UniProtKB:Q63622}. Cell

junction, synapse, postsynaptic density

{ECO:0000250|UniProtKB:Q63622}. Cell

junction, synapse. Membrane

{ECO:0000250|UniProtKB:Q63622}. Cell

projection, axon

{ECO:0000250|UniProtKB:Q63622}.

Perikaryon

{ECO:0000250|UniProtKB:Q63622}.

Note=Concentrated in soma and postsynaptic density of a subset of neurons

{ECO:0000250|UniProtKB:Q63622}

**DLG2 Blocking Peptide (Center) -  
Protocols**

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

- [Blocking Peptides](#)