

**PDZRN3 Antibody (Center E388) Blocking Peptide**  
**Synthetic peptide**  
**Catalog # BP7375c****Specification**

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**PDZRN3 Antibody (Center E388) Blocking Peptide - Product Information**Primary Accession [Q9UPQ7](#)**PDZRN3 Antibody (Center E388) Blocking Peptide - Additional Information****Gene ID** 23024**Other Names**

E3 ubiquitin-protein ligase PDZRN3, 632-, Ligand of Numb protein X 3, PDZ domain-containing RING finger protein 3, Semaphorin cytoplasmic domain-associated protein 3, Protein SEMCAP3, PDZRN3, KIAA1095, LNX3, SEMCAP3

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody [AP7375c](/products/AP7375c) was selected from the Center region of human PDZRN3. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**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.

**PDZRN3 Antibody (Center E388) Blocking Peptide - Protein Information****Name** PDZRN3**Synonyms** KIAA1095, LNX3, SEMCAP3**Function**

E3 ubiquitin-protein ligase. Plays an important role in regulating the surface level of MUSK on myotubes. Mediates the ubiquitination of MUSK, promoting its endocytosis and lysosomal degradation. Might contribute to terminal myogenic differentiation.

**Cellular Location**

Synapse {ECO:0000250|UniProtKB:Q69ZS0}. Cytoplasm {ECO:0000250|UniProtKB:E7FDW2}. Note=Localizes to the postsynaptic region of neuromuscular junctions. {ECO:0000250|UniProtKB:Q69ZS0}

**Tissue Location**

Widely expressed, including in the heart, skeletal muscle and liver and, at lower levels, in the brain, colon, small intestine, placenta and lung. Down-regulated in ovarian serous papillary tumors.

**PDZRN3 Antibody (Center E388) Blocking Peptide - Protocols**

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

- [Blocking Peptides](#)

**PDZRN3 Antibody (Center E388) Blocking Peptide - Images****PDZRN3 Antibody (Center E388) Blocking Peptide - References**

Meyer,G., Neuropharmacology 47 (5), 724-733 (2004)KatoH,M., Int. J. Mol. Med. 13 (4), 607-613 (2004)