

PDZRN3 Antibody (Center E388) Blocking Peptide

Synthetic peptide
Catalog # BP7375c

Specification

PDZRN3 Antibody (Center E388) Blocking Peptide - Product Information

Primary Accession [O9UPQ7](#)

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)