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DRP2 Antibody (C-term) Blocking peptide

Synthetic peptide
Catalog # BP12753b

Specification

DRP2 Antibody (C-term) Blocking peptide - Product Information

Primary Accession Q13474

DRP2 Antibody (C-term) Blocking peptide - Additional Information

Gene ID 1821

Other Names
Dystrophin-related protein 2, DRP-2, DRP2

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.

DRP2 Antibody (C-term) Blocking peptide - Protein Information

Name DRP2

Function
Required for normal myelination and for normal organization of the cytoplasm and the formation of Cajal bands in myelinating Schwann cells. Required for normal PRX location at appositions between the abaxonal surface of the myelin sheath and the Schwann cell plasma membrane. Possibly involved in membrane-cytoskeleton interactions of the central nervous system.

Cellular Location
Postsynaptic density {ECO:0000250|UniProtKB:Q9EPA0}. Cell projection, dendrite {ECO:0000250|UniProtKB:Q9EPA0}. Perikaryon {ECO:0000250|UniProtKB:Q9EPA0}. Cell membrane {ECO:0000250|UniProtKB:Q05AA6}; Peripheral membrane protein {ECO:0000250|UniProtKB:Q05AA6}. Note=Detected in Schwann cells at periaxonal myelin membranes. {ECO:0000250|UniProtKB:Q05AA6}

Tissue Location
Detected in fetal brain.

DRP2 Antibody (C-term) Blocking peptide - Protocols

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

- Blocking Peptides

DRP2 Antibody (C-term) Blocking peptide - Images

DRP2 Antibody (C-term) Blocking peptide - Background

Members of the dystrophin family of proteins perform acritical role in the maintenance of membrane-associated complexesat points of intercellular contact in vertebrate cells. The proteinencoded by this gene is predicted to resemble certain shortC-terminal isoforms of dystrophin and dystrophin-related protein 1(DRP1 or utrophin). DRP2 is expressed principally in the brain andspinal cord. Two transcript variants encoding different isoformshave been found for this gene.

DRP2 Antibody (C-term) Blocking peptide - References

Pasalic, D., et al. Mol. Biol. Rep. 36(4):775-780(2009)Sediva, A., et al. J. Clin. Immunol. 27(6):640-646(2007)van Oijen, M., et al. Neurobiol. Aging 28(9):1361-1366(2007)Suk Danik, J., et al. Ann. Hum. Genet. 70 (PT 6), 705-716 (2006) :Ujike, H., et al. Ann. N. Y. Acad. Sci. 1074, 90-96 (2006) :