

**DRP2 Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP12753b****Specification**

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**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 a critical role in the maintenance of membrane-associated complexes at points of intercellular contact in vertebrate cells. The protein encoded by this gene is predicted to resemble certain short C-terminal isoforms of dystrophin and dystrophin-related protein 1 (DRP1 or utrophin). DRP2 is expressed principally in the brain and spinal cord. Two transcript variants encoding different isoforms have 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) :