

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



DRP-2 (P510) Peptide

Cat No.: BS3005P

Background

Dystrophin, utrophin and dystrophin-related protein 2 (DRP2) are Actin-binding proteins that are involved in anchoring the cytoskeleton to the plasma membrane. Dystrophin is the protein product of the Duchenne/Becker muscular dystrophy gene. Dystrophin is expressed in muscle and brain tissues, where it is localized to the inner surface of the plasma membrane. Evidence suggests that the upregulation of utrophin (also known as DRP1) can reduce the dystrophic pathology. DRP2 is principally expressed in the brain and spinal cord. Analysis of DRP2 expression in rat brain on SDS-PAGE reveals a characteristic quartet of bands from 100-120 kDa. DRP2 exhibits a punctate staining pattern of rat neuronal dendrites and in neuropil. DRP2 forms a complex with dystroglycan at the surface of myelin-forming Schwann cells and may play a role in the terminal stages of myelinogenesis in the peripheral nervous system. The gene encoding human DRP2 maps to chromosome Xq22.

Swiss-Prot

Q16555

Applications

Blocking

Specificity

This peptide can be used with studies using BS3005 DRP-2 (P510) pAb.

Purification & Purity

Synthetic peptide DRP-2 (P510). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Research Use

For research use only, not for use in diagnostic procedure.

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