

DTNA Antibody (C-term) Blocking peptide
Synthetic peptide
Catalog # BP12573b**Specification**

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

Primary Accession [Q9Y4J8](#)

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

Gene ID 1837

Other Names

Dystrobrevin alpha, DTN-A, Alpha-dystrobrevin, Dystrophin-related protein 3, DTNA, DRP3

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.

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

Name DTNA ([HGNC:3057](#))

Synonyms DRP3

Function

May be involved in the formation and stability of synapses as well as being involved in the clustering of nicotinic acetylcholine receptors.

Cellular Location

Cytoplasm. Synapse. Cell membrane. Note=In peripheral nerves, colocalizes with MAGEE1 in the Schwann cell membrane.

Tissue Location

Highly expressed in brain, skeletal and cardiac muscles, and expressed at lower levels in lung, liver and pancreas Isoform 2 is not expressed in cardiac muscle. Isoform 7 and isoform 8 are only expressed in muscle

DTNA Antibody (C-term) Blocking peptide - Protocols

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

- [Blocking Peptides](#)

DTNA Antibody (C-term) Blocking peptide - Images

DTNA Antibody (C-term) Blocking peptide - Background

The protein encoded by this gene belongs to the dystrobrevin subfamily of the dystrophin family. This protein is a component of the dystrophin-associated protein complex (DPC), which consists of dystrophin and several integral and peripheral membrane proteins, including dystroglycans, sarcoglycans, syntrophins and alpha- and beta-dystrobrevin. The DPC localizes to the sarcolemma and its disruption is associated with various forms of muscular dystrophy. Mutations in this gene are associated with left ventricular noncompaction with congenital heart defects. Multiple alternatively spliced transcript variants encoding different isoforms have been identified for this gene.

DTNA Antibody (C-term) Blocking peptide - References

Rose, J.E., et al. Mol. Med. 16 (7-8), 247-253 (2010) :Bohm, S.V., et al. BMC Biol. 7, 85 (2009)
:Nakamori, M., et al. Neurology 70(9):677-685(2008)Lamesch, P., et al. Genomics
89(3):307-315(2007)Lim, J., et al. Cell 125(4):801-814(2006)