

Rabbit anti-Mouse DTNA Polyclonal Antibody | anti-DTNA antibody

DTNA Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA285628	Rabbit	Mouse	Immunofluorescence, Immunohistochemistry, ELISA, Western Blot

PRODUCT SYNONYMS

DTNA; Polyclonal Antibody; DTNA Antibody (C-term); Dystrobrevin alpha; DTN-A; Alpha-dystrobrevin; Dystrophin-related protein 3; DRP3; anti-DTNA antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This DTNA antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 692-721 amino acids from the C-terminal region of human DTNA.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.38 (varies by lot)
Sequence Positions	692-721
Sequence Length	510
Applicable Applications for anti-DTNA antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



IF (Immunofluorescence)

Confocal immunofluorescent analysis of DTNA Antibody (C-term) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



IHC (Immunohistochemistry)

DTNA Antibody (C-term) immunohistochemistry analysis in formalin fixed and paraffin embedded human brain tissue followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of DTNA Antibody (C-term) for immunohistochemistry. Clinical relevance has not been evaluated.



WB (Western Blot)

DTNA Antibody (C-term) western blot analysis in mouse heart tissue lysates (35ug/lane). This demonstrates the DTNA antibody detected the DTNA protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-DTNA antibody	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.
Product Categories/Family for anti-DTNA antibody	Neuroscience; Signal Transduction
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)

NCBI AND UNIPROT INFORMATION

NCBI GI #	189571587
NCBI GeneID	1837
NCBI Accession #	NP_001121647.1; NP_001185867.1; NP_001185868.1; NP_001185869.1; NP_001185871.1; NP_001185873.1; NP_001185874.1; NP_001381.2; NP_001382.2; NP_001383.2; NP_116757.2; NP_116760.2; NP_116761.2; NP_116762.2; NP_116763.1
NCBI GenBank Nucleotide #	NM_001128175.1
UniProt Accession #	Q9Y4J8; O15332; O15333; O75697; A8K541; A8MSZ0; A8MUY4; B4DGS6; B4DIR0; B4DIU8; M0QYX6; M0R397
Molecular Weight	83901
NCBI Official Full Name	dystrobrevin alpha isoform 9
NCBI Official Synonym Full Names	dystrobrevin, alpha
NCBI Official Symbol	DTNA
NCBI Official Synonym Symbols	DTN; DRP3; DTN-A; LVNC1; D18S892E
NCBI Protein Information	dystrobrevin alpha
UniProt Protein Name	Dystrobrevin alpha
UniProt Gene Name	DTNA
UniProt Synonym Gene Names	DRP3; DTN-A
UniProt Entry Name	DTNA_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dtna-antibody-immunofluorescence-immunohistochemistry-western-blot-elisa/285628>