

Datasheet for ABIN656504  
**anti-DTNA antibody (C-Term)**



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4 Images

## Overview

Quantity:	400 µL
Target:	DTNA
Binding Specificity:	AA 692-721, C-Term
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This DTNA antibody is un-conjugated
Application:	Western Blotting (WB), Immunofluorescence (IF), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p))

## Product Details

Immunogen:	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.
Clone:	RB31275
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	DTNA
Alternative Name:	DTNA ( <a href="#">DTNA Products</a> )

## Target Details

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**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.

**Molecular Weight:** 83901

**Gene ID:** 1837

**NCBI Accession:** [NP\\_001121647](#), [NP\\_001185867](#), [NP\\_001185868](#), [NP\\_001185869](#), [NP\\_001185871](#), [NP\\_001185873](#), [NP\\_001185874](#), [NP\\_001381](#), [NP\\_001382](#), [NP\\_001383](#), [NP\\_116757](#), [NP\\_116760](#), [NP\\_116761](#), [NP\\_116762](#), [NP\\_116763](#)

**UniProt:** [Q9Y4J8](#)

## Application Details

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**Application Notes:** IF: 1:10~50. WB: 1:2000. WB: 1:1000. IHC-P: 1:10~50

**Restrictions:** For Research Use only

## Handling

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**Format:** Liquid

**Buffer:** Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

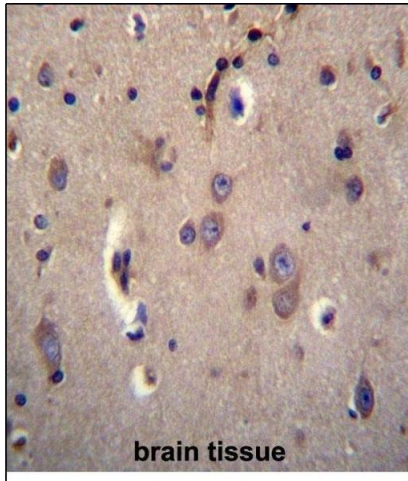
**Preservative:** Sodium azide

**Precaution of Use:** This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

**Storage:** 4 °C,-20 °C

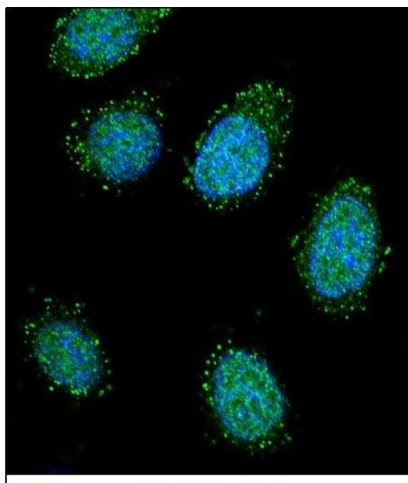
**Storage Comment:** Maintain refrigerated at 2-8 °C for up to 6 months. For long term storage store at -20 °C in small aliquots to prevent freeze-thaw cycles.

**Expiry Date:** 6 months



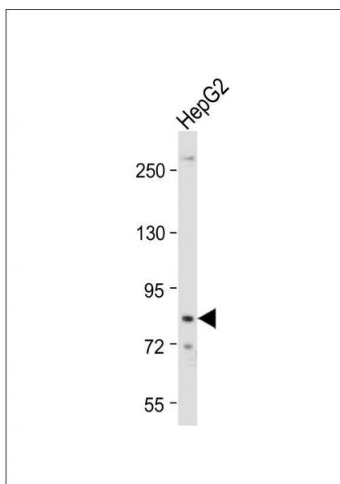
### Immunohistochemistry (Paraffin-embedded Sections)

**Image 1.** DTNA Antibody (C-term) (ABIN656504 and ABIN2845776) 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.



### Immunofluorescence

**Image 2.** Confocal immunofluorescent analysis of DTNA Antibody (C-term) (ABIN656504 and ABIN2845776) with 293 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green). DAPI was used to stain the cell nuclear (blue).



### Western Blotting

**Image 3.** Anti-DTNA Antibody (C-term) at 1:2000 dilution + HepG2 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 84 kDa Blocking/Dilution buffer: 5 % NFDN/TBST.

Please check the [product details page](#) for more images. Overall 4 images are available for ABIN656504.