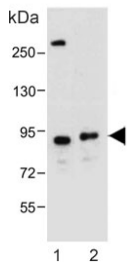
Dystrobrevin alpha Antibody / DTNA (F54653)

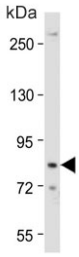
Catalog No.	Formulation	Size
F54653-0.4ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.4 ml
F54653-0.08ML	In 1X PBS, pH 7.4, with 0.09% sodium azide	0.08 ml

Bulk quote request

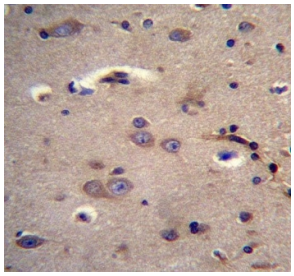
Availability	1-3 business days
Species Reactivity	Human, Mouse
Format	Purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit Ig
Purity	Antigen affinity purified
UniProt	Q9Y4J8
Localization	Cytoplasmic, nuclear
Applications	Immunofluorescence: 1:25 Immunohistochemistry (FFPE): 1:25 Western blot: 1:500-1:2000
Limitations	This Dystrobrevin alpha antibody is available for research use only.



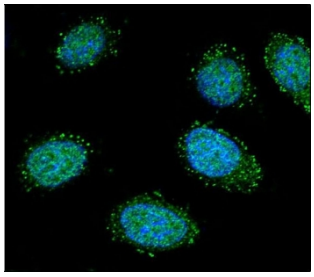
Western blot testing of human 1) U-87 MG and 2) C2C12 cell lysate with Dystrobrevin alpha antibody. Predicted molecular weight ~84 kDa.



Western blot testing of human HepG2 cell lysate with Dystrobrevin alpha antibody. Predicted molecular weight ~84 kDa.



IHC testing of FFPE human brain tissue with Dystrobrevin alpha antibody. HIER: steam section in pH6 citrate buffer for 20 min and allow to cool prior to staining.



Immunofluorescent staining of human HEK293 cells with Dystrobrevin alpha antibody (green) and DAPI nuclear stain (blue).

Description

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.

Application Notes

The stated application concentrations are suggested starting points. Titration of the Dystrobrevin alpha antibody may be required due to differences in protocols and secondary/substrate sensitivity.

Immunogen

A portion of amino acids 692-721 from the human protein was used as the immunogen for the Dystrobrevin alpha antibody.

Storage

Aliquot the Dystrobrevin alpha antibody and store frozen at -20oC or colder. Avoid repeated freeze-thaw cycles.

Copyright © NSJ Bioreagents. All rights reserved.