BOSTER
antibody and ELISA experts

BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
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Anti-Dysferlin Antibody

Catalog Number: A01234-1

About DYSF

Key calcium ion sensor involved in the Ca2+-triggered synaptic vesicle-plasma membrane fusion. Plays a role in the sarcolemma repair mechanism of both skeletal muscle and cardiomyocytes that permits rapid resealing of membranes disrupted by mechanical stress By similarity.

Delia J. Hern¨¢ndez-Deviez, Hum. Mol. Genet., Jan 2006; 15: 129 - 142.
Yanchao Huang, FASEB J, Mar 2007; 21: 732 - 742.
Mengfatt Ho, Hum. Mol. Genet., Sep 2004; 13: 1999 - 2010.
Eriko Fujita, Hum. Mol. Genet., Mar 2007; 16: 618 - 629.

Overview

Product Name	Anti-Dysferlin Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Dysferlin Antibody (Catalog # A01234-1). Tested in WB applications. This antibody reacts with Human, Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg2+ and Ca2+), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Storage Instructions	Store at -20°C for one year. For short term storage and frequent use, store at 4°C for up to one month. Avoid repeated freeze-thaw cycles.
Host	Rabbit
Uniprot ID	O75923

Technical Details

Immunogen	Synthesized peptide derived from human Dysferlin.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

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Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Suggested Dilutions	Dilute the sample so that the expected range of concentrations fall within the detection range of this kit. If the expected range of concentration is unknown, a pilot test should be conducted to decide the optimal dilution ratio for your samples. Some PubMed article(s) citing the expression level of this target are as follows: Boster Bio's internal QC testing used: Western blotting: 1:500~1:3000

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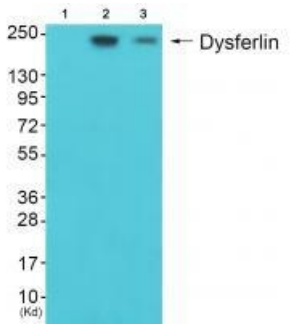
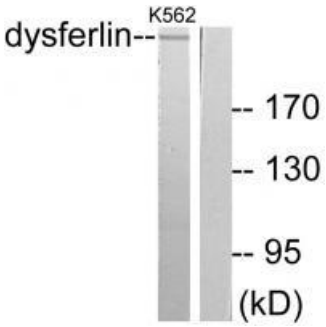
Anti-Dysferlin Antibody (A01234-1) Images



Western blot analysis of extracts from JK cells (Lane 2) and K562 cells (Lane 3), using Dysferlin antiobdy A01234-1. The lane on the left is treated with synthesized peptide.



Western blot analysis of extracts from K562 cells, using Dysferlin antibody A01234-1.

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