

## Anti-Dysferlin Antibody

Catalog Number: A01234-1

### About DYSF

Key calcium ion sensor involved in the Ca<sup>2+</sup>-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. Hernández-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

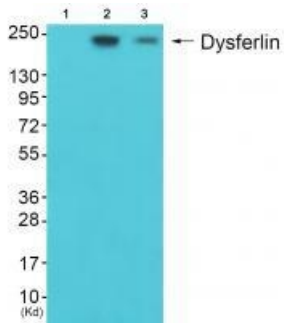
Product Name	Anti-Dysferlin Antibody
Reactive Species	Human, Mouse
Description	Boster Bio Anti-Dysferlin Antibody (Catalog # A01234-1). Tested in WB applications. This antibody reacts with Human, Mouse.
Application	WB
Clonality	Polyclonal
Formulation	Rabbit IgG in phosphate buffered saline (without Mg <sup>2+</sup> and Ca <sup>2+</sup> ), 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

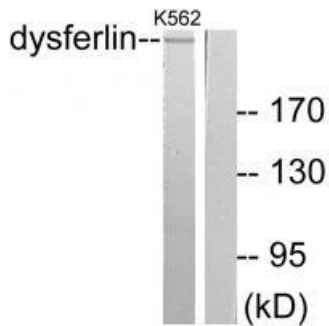
Immunogen	Synthesized peptide derived from human Dysferlin.
Predicted Reactive Species	Boar, Bovine, Canine, Golden Hamster
Cross Reactivity	No cross reactivity with other proteins.
Isotype	IgG
Form	Liquid
Concentration	1 mg/ml

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

## Anti-Dysferlin Antibody (A01234-1) Images



Western blot analysis of extracts from JK cells (Lane 2) and K562 cells (Lane 3), using Dysferlin antibody 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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