

Dysferlin Polyclonal Antibody

Description

Product type	Primary Antibody
Code	BT-AP02780
Host	Rabbit
Isotype	IgG
Size	20ul, 50ul, 100ul
Immunogen	The antiserum was produced against synthesized peptide derived from human Dysferlin. AA range:1981-2030
Mol wt	237295
Species reactivity	Human, Mouse
Clonality	Polyclonal
Recommended application	WB, IF, ELISA
Concentration	1 mg/ml
Full name	Dysferlin Antibody
Synonyms	DYSF; FER1L1; Dysferlin; Dystrophy-associated fer-1-like protein; Fer-1-like protein 1

This product is for research use only, not for use in human, therapeutic or diagnostic procedure.

Background

The protein encoded by *DYSF* (dysferlin) belongs to the ferlin family and is a skeletal muscle protein found associated with the sarcolemma. It is involved in muscle contraction and contains C2 domains that play a role in calcium-mediated membrane fusion events, suggesting that it may be involved in membrane regeneration and repair. In addition, the protein encoded by *DYSF* binds caveolin-3, a skeletal muscle membrane protein which is important in the formation of caveolae. Specific mutations in *DYSF* have been shown to cause autosomal recessive limb girdle muscular dystrophy type 2B (LGMD2B) as well as Miyoshi myopathy. Alternative splicing results in multiple transcript variants.

Recommended Dilution

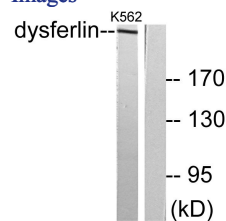
WB: 1: 500 - 1: 2000

IF: 1: 200 - 1: 1000

ELISA: 1: 10000

Not yet tested in other applications.

Images



Western blot analysis of lysates from K562 cells, using Dysferlin Antibody. The lane on the right is blocked with the synthesized peptide.

Storage

-20°C for one year