



DATA SHEET

bs-2429R

• Rabbit Anti-Dysferlin Polyclonal Antibody

Primary Antibodies

Background:

The protein encoded by this gene 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 this gene binds caveolin-3, a skeletal muscle membrane protein which is important in the formation of caveolae. Specific mutations in this gene 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. [provided by RefSeq, Aug 2008].

Source/Purification:

KLH conjugated synthetic peptide derived from human Dysferlin C-terminus. Was purified by Protein A and peptide affinity chromatography.

Storage:

Prepared as lyophilized powder and shipped on ice. Store at -20°C for one year as lyophilized powder or liquid. Please reconstitute before use.

Reconstitution:

Two additional vials are included in shipment for reconstitution purposes (double distilled H₂O and sterile glycerol). Centrifuge all vials to ensure necessary quantities have settled. Add 50uL of sterile double distilled water to antibody. Mix thoroughly by gently pipetting up and down. Then, add 50uL of sterile glycerol to antibody. Mix well and keep cold. *Please note lyophilized powder is supplied in bovine serum albumin and sodium azide. After reconstitution, final concentration of preservatives are 10ug/uL BSA and 0.1% NaN₃.

Size: 100ug Lyophilized

Concentration: 1ug/uL

Application:

- WB(1:100-500)
- ELISA(1:500-1000)
- IP(1:20-100)
- IHC-P(1:100-500)
- IHC-F(1:100-500)
- IF(1:100-500)
- Not yet tested in other applications. Optimal working dilutions must be determined by the end user.

Cross-reactivities:

Human, Mouse, Rat, Guinea Pig, Horse, Cow, Rabbit, Dog

Molecular Weight: 231kDa

Isotype: IgG



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