
Product Name: KD-Validated Dysferlin Recombinant Rabbit Monoclonal Antibody
Catalog #: KVA01878

For research use only.

Summary

Description	KO&KD-Validated antibody
Host	Rabbit
Application	WB
Reactivity	Human,M
Conjugation	Unconjugated
Modification	Unmodified
Isotype	Rabbit IgG
Clonality	Rabbit mAb
Form	Liquid
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Supplied in PBS (pH 7.4) containing 50% glycerol, and 0.02% sodium azide.
Purification	Affinity purification

Application

Dilution Ratio	WB 1:1,000-1:5,000
Molecular Weight	Calculated MW: 237.3kDa

Antigen Information

Gene Name	DYSF DYSF; Dysferlin; FER1L1; Limb Girdle Muscular Dystrophy 2B (Autosomal Recessive); Fer-1-
Alternative Names	Like Family Member 1; Fer-1-Like Protein 1; LGMD2B; Dystrophy-Associated Fer-1-Like Protein; Dystrophy-Associated Fer-1-Like 1; LGMDR2; MMD1
Gene ID	8291.0
SwissProt ID	O75923
Immunogen	A synthesized peptide derived from human Dysferlin

Background

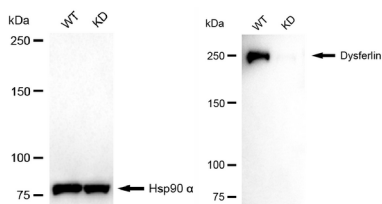
The protein encoded by this gene belongs to the ferlin family and is a skeletal muscle protein found associated with the sarcolemma. It is involved in muscle contraction and contains C2 domains that play a role in calcium-mediated membrane

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]

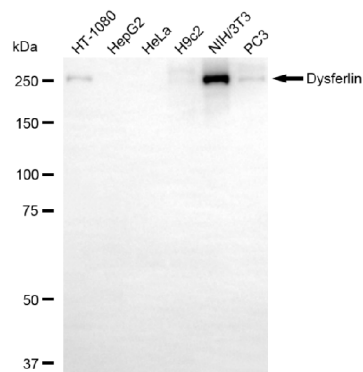
Research Area

Cell Biology, Neuroscience

Image Data



Western blotting analysis using dysferlin antibody (KVA01878). Dysferlin expression in wild-type (WT) and dysferlin (DYSF) knockdown (KD) HT-1080 cells with 30 µg of total cell lysates. Hsp90 α serves as a loading control. The blot was incubated with dysferlin antibody (KVA01878, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.



Western blotting analysis using Dysferlin antibody (KVA01878). Total cell lysates (30 µg) from various cell lines were loaded and separated by SDS-PAGE. The blot was incubated with Dysferlin antibody (KVA01878, 1:5,000) and HRP-conjugated goat anti-rabbit secondary antibody (APS0635, 1:10,000) respectively.