

Datasheet for ABIN2782797

anti-Myoferlin antibody (C-Term)

8 Images

[Go to Product page](#)

Overview

| | |
|----------------------|---|
| Quantity: | 100 µL |
| Target: | Myoferlin (MYOF) |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Mouse, Cow, Rabbit, Rat, Zebrafish (Danio rerio), Dog, Guinea Pig, Horse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This Myoferlin antibody is un-conjugated |
| Application: | Western Blotting (WB) |

Product Details

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| Immunogen: | The immunogen is a synthetic peptide directed towards the C terminal region of human FER1L3 |
| Sequence: | QTEFRIPRL IIQIWDNDKF SLDDYLGFLF LDLRHTIIPA KSPEKCRLLDM |
| Predicted Reactivity: | Cow: 86%, Dog: 93%, Guinea Pig: 93%, Horse: 86%, Human: 100%, Mouse: 93%, Rabbit: 93%, Rat: 93%, Zebrafish: 79% |
| Characteristics: | This is a rabbit polyclonal antibody against FER1L3. It was validated on Western Blot using a cell lysate as a positive control. |
| Purification: | Affinity Purified |

Target Details

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|---------|------------------|
| Target: | Myoferlin (MYOF) |
|---------|------------------|

Target Details

Alternative Name: FER1L3 ([MYOF Products](#))

Background: Mutations in dysferlin, a protein associated with the plasma membrane, can cause muscle weakness that affects both proximal and distal muscles. FER1L3 is a type II membrane protein that is structurally similar to dysferlin. It is a member of the ferlin family and associates with both plasma and nuclear membranes. The protein contains C2 domains that play a role in calcium-mediated membrane fusion events, suggesting that it may be involved in membrane regeneration and repair. Mutations in dysferlin, a protein associated with the plasma membrane, can cause muscle weakness that affects both proximal and distal muscles. The protein encoded by this gene is a type II membrane protein that is structurally similar to dysferlin. It is a member of the ferlin family and associates with both plasma and nuclear membranes. The protein contains C2 domains that play a role in calcium-mediated membrane fusion events, suggesting that it may be involved in membrane regeneration and repair. Two transcript variants encoding different isoforms have been found for this gene. Other possible variants have been detected, but their full-length natures have not been determined.

Alias Symbols: FLJ36571, FLJ90777, MYOF, FER1L3

Protein Interaction Partner: UBC, SUMO2, SUMO3, RPA3, RPA2, RPA1, MATR3, ILF2, ATP6V1B1, CDK2, Kdr, Dnm2, ISG15, SUMO1,

Protein Size: 2061

Molecular Weight: 235 kDa

Gene ID: 26509

NCBI Accession: [NM_013451](#), [NP_038479](#)

UniProt: [Q9NZM1](#)

Application Details

Application Notes: Optimal working dilutions should be determined experimentally by the investigator.

Comment: Antigen size: 2061 AA

Restrictions: For Research Use only

Handling

Format: Liquid

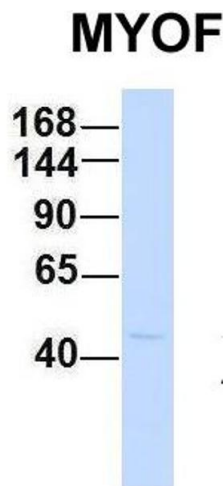
Concentration: Lot specific

Buffer: Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 %

Handling

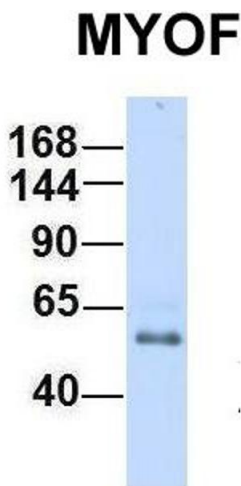
| | |
|--------------------|---|
| | sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |

Images



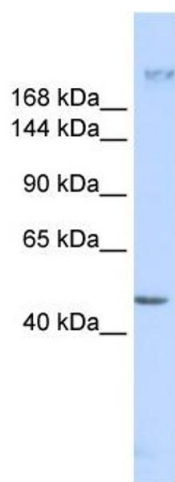
Western Blotting

Image 1. Host: Rabbit Target Name: MYOF Sample Type: Human Fetal Brain Antibody Dilution: 1.0ug/ml



Western Blotting

Image 2. Host: Rabbit Target Name: MYOF Sample Type: Human Fetal Heart Antibody Dilution: 1.0ug/ml



Western Blotting

Image 3. WB Suggested Anti-FER1L3 Antibody Titration: 0.2-1 ug/ml ELISA Titer: 1:312500 Positive Control: MCF7 cell lysate. MYOF is strongly supported by BioGPS gene expression data to be expressed in MCF7

Please check the [product details page](#) for more images. Overall 8 images are available for ABIN2782797.