

# [KO Validated] MYOF Rabbit pAb

Catalog No.: A15427 **KO Validated**

## Basic Information

### Observed MW

250kDa

### Calculated MW

235kDa

### Category

Primary antibody

### Applications

ELISA, WB

### Cross-Reactivity

Human, Mouse

## Background

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 nature has not been determined.

## Recommended Dilutions

WB 1:500 - 1:1000

## Immunogen Information

### Gene ID

26509

### Swiss Prot

Q9NZM1

### Immunogen

Recombinant fusion protein containing a sequence corresponding to amino acids 1-190 of human MYOF (NP\_038479.1).

### Synonyms

HAE7; FER1L3; OF

## Contact

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## Product Information

### Source

Rabbit

### Isotype

IgG

### Purification

Affinity purification

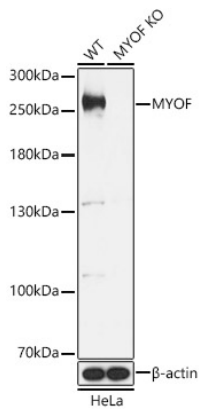
### Storage

Store at -20°C. Avoid freeze / thaw cycles.

Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH7.3.

## Validation Data

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Western blot analysis of lysates from wild type (WT) and MYOF knockout (KO) HeLa (KO) cells, using [KO Validated] MYOF Rabbit pAb (A15427) at 1:1000 dilution.

Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution.

Lysates/proteins: 25µg per lane.

Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

Exposure time: 1s.