



## Anti-MYOF (aa 655-754) polyclonal antibody (DPAB-DC1307)

This product is for research use only and is not intended for diagnostic use.

### PRODUCT INFORMATION

<b>Antigen Description</b>	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.
<b>Immunogen</b>	FER1L3 (NP_038479, 655 a.a. ~ 754 a.a) partial recombinant protein with GST tag. The sequence is DAVN TLLAMAERLQTNIEALKSGIQGKIPANQLAELWLKLIDEVIEDTRYTLPLTEGKAN VTVL DTQIRKLRSRSLSQIHEAAVRMRSEATDVKSTLAEI
<b>Source/Host</b>	Mouse
<b>Species Reactivity</b>	Human
<b>Conjugate</b>	Unconjugated
<b>Applications</b>	WB (Tissue lysate), WB (Recombinant protein), ELISA,
<b>Size</b>	50 µl
<b>Buffer</b>	50 % glycerol
<b>Preservative</b>	None
<b>Storage</b>	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

# GENE INFORMATION

Gene Name	<a href="#">MYOF myoferlin [ Homo sapiens (human) ]</a>
Official Symbol	MYOF
Synonyms	MYOF; myoferlin; FER1L3; fer-1-like protein 3; fer-1-like 3, myoferlin; fer-1-like family member 3;
Entrez Gene ID	<a href="#">26509</a>
Protein Refseq	<a href="#">NP_038479</a>
UniProt ID	<a href="#">Q9NZM1</a>
Chromosome Location	10q24
Function	phospholipid binding; protein binding;