

For Research Use Only

MYOZ1 Polyclonal antibody

Catalog Number: 13160-1-AP

3 Publications



Basic Information

Catalog Number:

13160-1-AP

Size:

150ul, Concentration: 450 ug/ml by Nanodrop and 233 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG3806

GenBank Accession Number:

BC025753

GeneID (NCBI):

58529

UNIPROT ID:

Q9NP98

Full Name:

myozenin 1

Calculated MW:

299 aa, 32 kDa

Observed MW:

32 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IP 0.5-4.0 ug for 1.0-3.0 mg of total protein lysate

Applications

Tested Applications:

WB, IP, ELISA

Cited Applications:

WB

Species Specificity:

human, mouse, rat

Cited Species:

fish, rat

Positive Controls:

WB : mouse skeletal muscle tissue, human heart tissue

IP : mouse skeletal muscle tissue,

Background Information

Myozenin-1 is a protein that in humans is encoded by the MYOZ1 gene. MYOZ1 has been shown to interact with Telethonin, and Actinin, alpha. The MW of this protein is 32 kDa, and Catalog# 13160-1-AP specially recognises the 32 kDa protein.

Notable Publications

Author	Pubmed ID	Journal	Application
Yulia N Lomonosova	26589960	J Muscle Res Cell Motil	WB
Kristina Sharlo	31046517	J Appl Physiol (1985)	WB
Kristina A Sharlo	32754051	Front Physiol	WB

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

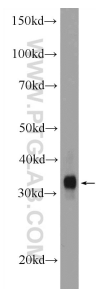
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

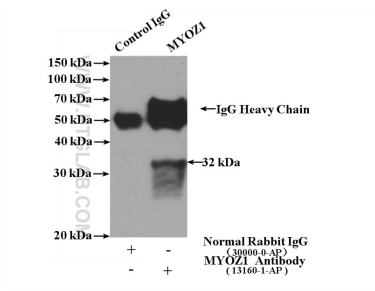
E: proteintech@ptglab.com
W: ptglab.com

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Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 13160-1-AP (MYOZ1 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.



IP result of anti-MYOZ1 (IP:13160-1-AP, 4ug; Detection:13160-1-AP 1:500) with mouse skeletal muscle tissue lysate 4000ug.