

For Research Use Only

MYH8-Specific Polyclonal antibody

Catalog Number: 18988-1-AP



Basic Information

Catalog Number:

18988-1-AP

Size:

150ul , Concentration: 200 ug/ml by Nanodrop and 180 ug/ml by Bradford method using BSA as the standard;

Source:

Rabbit

Isotype:

IgG

GenBank Accession Number:

NM_002472

GeneID (NCBI):

4626

UNIPROT ID:

P13535

Full Name:

myosin, heavy chain 8, skeletal muscle, perinatal

Calculated MW:

223 kDa

Observed MW:

220-230 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:500-1:1000

IHC 1:250-1:1000

Applications

Tested Applications:

WB, IHC, ELISA

Species Specificity:

mouse

Positive Controls:

WB : mouse skeletal muscle tissue,

IHC : mouse skeletal muscle tissue,

Note-IHC: suggested antigen retrieval with TE buffer pH 9.0; (*) Alternatively, antigen retrieval may be performed with citrate buffer pH 6.0

Background Information

MYH8 plays a role in muscle contraction. It is required for cytoskeleton organization. The antibody is specific to MYH8 and MYH2.

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

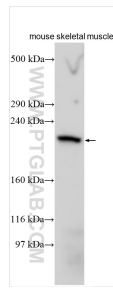
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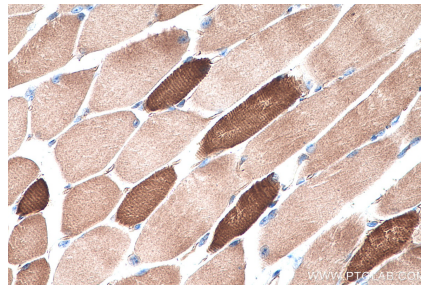
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Selected Validation Data



Various lysates were subjected to Tris-Acetate gel system followed by western blot with 18988-1-AP (MYH8-Specific antibody) at dilution of 1:500 incubated at room temperature for 1.5 hours.



Immunohistochemical analysis of paraffin-embedded mouse skeletal muscle tissue slide using 18988-1-AP (MYH8-Specific antibody) at dilution of 1:500 (under 40x lens). Heat mediated antigen retrieval with Tris-EDTA buffer (pH 9.0).