

# MYH8-Specific Polyclonal antibody

Catalog Number: 18988-1-AP

## Basic Information

**Catalog Number:**

18988-1-AP

**Size:**

200 µg/ml

**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:**

IHC, WB, 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:**

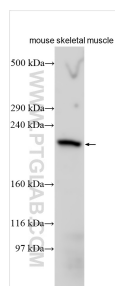
Store at -20°C. Stable for one year after shipment.

**Storage Buffer:**

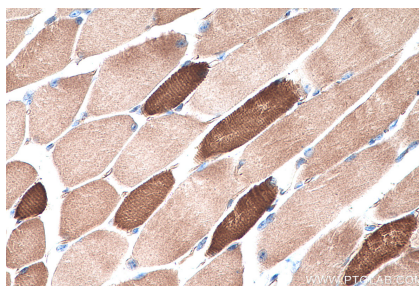
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

## 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).