MYH4-Specific Polyclonal ANTIBODY

Catalog Number: 20140-1-AP

Basic Information

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Size: 54 μg/150 μl

Source: Rabbit

Isotype: IgG

Purification Method: Antigen affinity purification

GenBank Accession Number: NM_017533

GeneID (NCBI): 6622

Full Name: myosin, heavy chain 4, skeletal muscle

Calculated MW: 223 kDa

Observed MW: 230 kDa

Recommended Dilutions:

WB: 1:200-1:1000

IHC: 1:20-1:200

Applications

Tested Applications: IHC, WB, ELISA

Cited Applications: WB

Species Specificity: human, mouse

Cited Species: human, mouse, rat, swine

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

Positive Controls:

WB: human skeletal muscle tissue; mouse skeletal muscle tissue

IHC: human skeletal muscle tissue

Background Information

Myosin is one of the most important skeletal muscle proteins. MYH4 functions muscle contraction. The antibody is specific to MYH4.

Notable Publications

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<th>Author</th>
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<tr>
<td>Sung Ji Yun</td>
<td>25201081</td>
<td>Biochim Biophys Acta</td>
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<tr>
<td>Raffaella Mastrocola</td>
<td>25750996</td>
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<tr>
<td>Yong Zhang</td>
<td>31228349</td>
<td>J Anim Sci</td>
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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
human skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 20140-1-AP (MYH4-Specific Antibody) at dilution of 1:300 incubated at room temperature for 1.5 hours.

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 20140-1-AP (MYH4-Specific Antibody) at dilution of 1:50 (under 10x lens).

Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 20140-1-AP (MYH4-Specific Antibody) at dilution of 1:50 (under 40x lens).