

# MBNL3 Polyclonal antibody

Catalog Number: 24610-1-AP

1 Publications

## Basic Information

|   |  |  |
|---|--|--|
| <b>Catalog Number:</b><br>24610-1-AP        | <b>GenBank Accession Number:</b><br>BC042090         | <b>Purification Method:</b><br>Antigen affinity purification       |
| <b>Size:</b><br>400 µg/ml                   | <b>GeneID (NCBI):</b><br>55796                       | <b>Recommended Dilutions:</b><br>WB 1:500-1:1000<br>IHC 1:20-1:200 |
| <b>Source:</b><br>Rabbit                    | <b>UNIPROT ID:</b><br>Q9NUKO                         |  |
| <b>Isotype:</b><br>IgG                      | <b>Full Name:</b><br>muscleblind-like 3 (Drosophila) |  |
| <b>Immunogen Catalog Number:</b><br>AG20113 | <b>Calculated MW:</b><br>354 aa, 39 kDa              |  |
|   | <b>Observed MW:</b><br>38 kDa                        |  |

## Applications

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|---|--|
| <b>Tested Applications:</b><br>IHC, WB, ELISA | <b>Positive Controls:</b><br>WB : mouse skeletal muscle tissue,<br>IHC : human skeletal muscle tissue, |
| <b>Cited Applications:</b><br>WB              |  |
| <b>Species Specificity:</b><br>human, mouse   |  |
| <b>Cited Species:</b><br>human                |  |

**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

MBNL3, also named as Muscleblind-like protein 3 or Cys3His CCG1-required protein, is a 354 amino acid protein, which contains four C3H1-type zinc fingers and belongs to the muscleblind family. MBNL3 localizes in the nucleus and is highly expressed in the placenta. MBNL3 mediates pre-mRNA alternative splicing regulation and plays a role in myotonic dystrophy pathophysiology. MBNL3 could inhibit terminal muscle differentiation, acting at approximately the time of myogenin induction.

## Notable Publications

| Author          | Pubmed ID | Journal    | Application |
|-----------------|-----------|------------|-------------|
| Daniel J Foster | 32816599  | Cell Cycle | 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

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

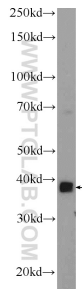
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E: Proteintech-CN@ptglab.com

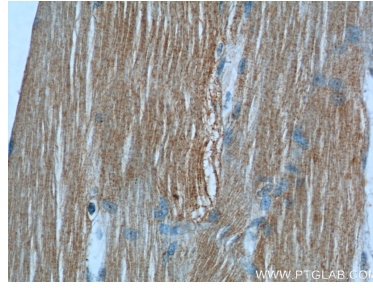
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## Selected Validation Data



mouse skeletal muscle tissue were subjected to SDS PAGE followed by western blot with 24610-1-AP (MBNL3 Antibody) at dilution of 1:600 incubated at 4 degree celsius over night.



Immunohistochemical analysis of paraffin-embedded human skeletal muscle tissue slide using 24610-1-AP (MBNL3 Antibody) at dilution of 1:50 (under 40x lens).