

For Research Use Only

MBNL3 Polyclonal antibody

Catalog Number: 24610-1-AP **1 Publications**



Basic Information

Catalog Number: 24610-1-AP	GenBank Accession Number: BC042090	Purification Method: Antigen affinity purification
Size: 150ul , Concentration: 400 µg/ml by Nanodrop and 213 µg/ml by Bradford method using BSA as the standard;	GeneID (NCBI): 55796	Recommended Dilutions: WB 1:500-1:1000 IHC 1:20-1:200
Source: Rabbit	Full Name: muscleblind-like 3 (Drosophila)	
Isotype: IgG	Calculated MW: 354 aa, 39 kDa	
Immunogen Catalog Number: AG20113	Observed MW: 38 kDa	

Applications

Tested Applications: IHC, WB, ELISA	Positive Controls:
Cited Applications: WB	WB : mouse skeletal muscle tissue,
Species Specificity: human, mouse	IHC : human skeletal muscle tissue,
Cited Species: 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

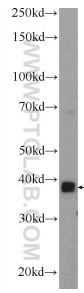
Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

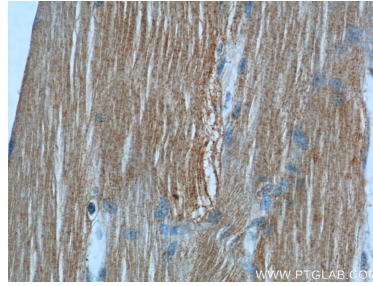
For technical support and original validation data for this product please contact:
T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)
E: proteintech@ptglab.com
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Selected Validation Data



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).