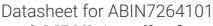
antibodies -online.com





anti-MBNL1 antibody





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()Ver	view

Quantity:	200 μL
Target:	MBNL1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBNL1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), Immunofluorescence (IF)

Product Details

Immunogen:	Recombinant fusion protein of human MBNL1 (NP_066368.2).
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

Target Details

Target:	MBNL1
Alternative Name:	MBNL1 (MBNL1 Products)
Background:	This gene encodes a member of the muscleblind protein family which was initially described in
	Drosophila melanogaster. The encoded protein is a C3H-type zinc finger protein that modulates
	alternative splicing of pre-mRNAs. Muscleblind proteins bind specifically to expanded dsCUG
	RNA but not to normal size CUG repeats and may thereby play a role in the pathophysiology of

Target Details

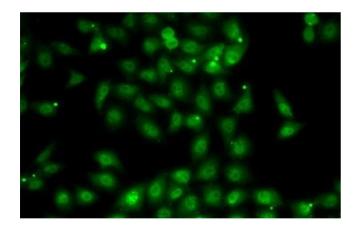
	myotonic dystrophy. Mice lacking this gene exhibited muscle abnormalities and cataracts.
	Several alternatively spliced transcript variants have been described but the full-length natures
	of only some have been determined. The different isoforms are thought to have different
	binding specificities and/or splicing activities.
Molecular Weight:	Observed_MW: 42 kDa
	Calculated_MW: 33 kDa/34 kDa/36 kDa/37 kDa/39 kDa/40 kDa/41 kDa
Gene ID:	4154
UniProt:	Q9NR56
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	WB 1:500-1:2000 IHC 1:50-1:200 IF 1:50-1:100
Restrictions:	For Research Use only

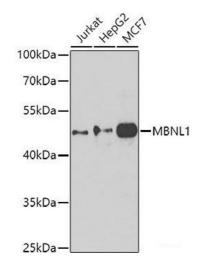
Handling

Format:	Liquid
Concentration:	1 mg/mL
Buffer:	PBS with 0.02 % sodium azide, 50 % glycerol, pH 7.3
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.



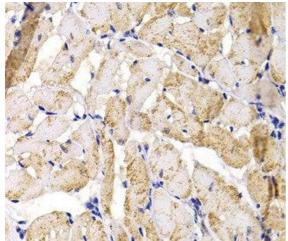
Immunofluorescence

Image 1. Immunofluorescence analysis of MCF7 cells using MBNL1 Polyclonal Antibody



Western Blotting

Image 2. Western blot analysis of extracts of various cell lines using MBNL1 Polyclonal Antibody at dilution of 1:1000.



Immunohistochemistry (Paraffin-embedded Sections)

Image 3. Immunohistochemistry of paraffin-embedded Rat heart using MBNL1 Polyclonal Antibody at dilution of 1:100 (40x lens).