

Rabbit anti-Human Muscleblind-like protein 1 Polyclonal Antibody | anti-MBNL1 antibody

Rabbit anti-human Muscleblind-like protein 1 polyclonal Antibody

CATALOG # AAA117790	HOST Rabbit	REACTIVITY Human	APPLICATIONS Immunohistochemistry, ELISA
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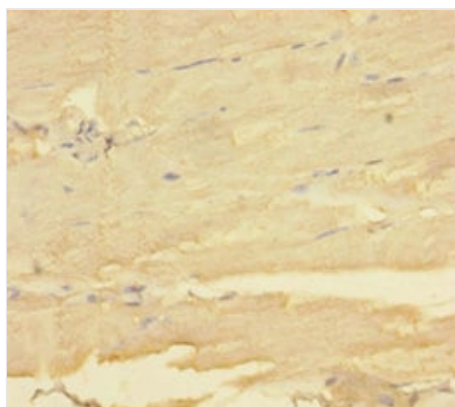
PRODUCT SYNONYMS

Muscleblind-like protein 1; Polyclonal Antibody; Rabbit anti-human Muscleblind-like protein 1 polyclonal Antibody; Triplet-expansion RNA-binding protein; MBNL1; EXP; KIAA0428; MBNL; anti-MBNL1 antibody

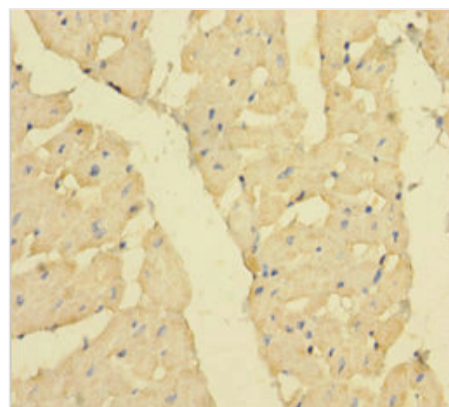
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Caprylic Acid Ammonium Sulfate Precipitation Purified
Sequence Length	343
Applicable Applications for anti-MBNL1 antibody	IHC (Immunohistochemistry), ELISA
Storage Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, PH 7.4
Conjugate	Non-conjugated
Immunogen	Recombinant human Muscleblind-like protein 1 protein
Santa Cruz Alternative	Potential replacement for Santa Cruz Biotechnology antibody catalog# sc-50087 / sc-50088 / sc-50089
Preparation and Storage	Shipped at 4 degree C. Upon delivery aliquot and store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human skeletal muscle tissue using AAA117790 at dilution 1:100



IHC (Immunohistochemistry)
Immunohistochemistry of paraffin-embedded human heart tissue using AAA117790 at dilution 1:100

ADDITIONAL INFORMATION

Related Product Information for anti-MBNL1 antibody	Mediates pre-mRNA alternative splicing regulation. Acts either as activator or repressor of splicing on specific pre-mRNA targets. Inhibits cardiac troponin-T (TNNT2) pre-mRNA exon inclusion but induces insulin receptor (IR) pre-mRNA exon inclusion in muscle. Antagonizes the alternative splicing activity pattern of CELF proteins. Regulates the TNNT2 exon 5 skipping through competition with U2AF2. Inhibits the formation of the spliceosome A complex on intron 4 of TNNT2 pre-mRNA. Binds to the stem-loop structure within the polypyrimidine tract of TNNT2 intron 4 during spliceosome assembly. Binds to the 5'-YGCU(U/G)Y-3'consensus sequence. Binds to the IR RNA. Binds to expanded CUG repeat RNA, which folds into a hairpin structure containing GC base pairs and bulged, unpaired U residues.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	930945856
NCBI GeneID	4154
NCBI Accession #	NP_001300986.1
NCBI GenBank Nucleotide #	NM_001314057.1
UniProt Accession #	Q9NR56; O43311; O43797; Q86UV8; Q86UV9; Q96P92; Q96RE3; E9PBW7
Molecular Weight	36,992 Da
NCBI Official Full Name	muscleblind-like protein 1 isoform h
NCBI Official Synonym Full Names	muscleblind like splicing regulator 1
NCBI Official Symbol	MBNL1
NCBI Official Synonym Symbols	EXP; MBNL
NCBI Protein Information	muscleblind-like protein 1
UniProt Protein Name	Muscleblind-like protein 1
UniProt Gene Name	MBNL1
UniProt Synonym Gene Names	EXP; KIAA0428; MBNL
UniProt Entry Name	MBNL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/muscleblind-like-protein-1-antibody-immunohistochemistry-elisa/117790>