

Rabbit anti-Human MBNL1 Polyclonal Antibody | anti-MBNL1 antibody

MBNL1 Rabbit pAb

CATALOG # AAA283297	HOST Rabbit	REACTIVITY Human	APPLICATIONS ELISA, Western Blot
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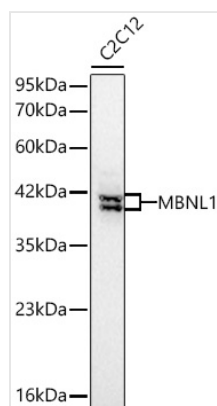
PRODUCT SYNONYMS

MBNL1; Polyclonal Antibody; MBNL1 Rabbit pAb; EXP; MBNL; anti-MBNL1 antibody

PRODUCT SPECIFICATIONS

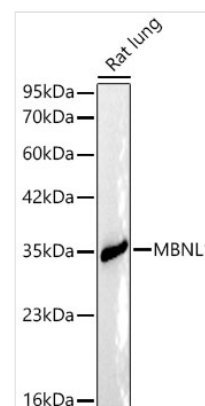
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	Affinity purification
Form/Format	PBS with 0.05% proclin300, 50% glycerol, pH7.3.
Sequence	PLEATFDLGI PQAVLPPLPK RPALKTNGA TAVFNTGIFQ YQQALANMQL QQHTAFLPPV PMVHGATPAT VSAATTSATS VPFAATATAN QIPIISAEHL T
Applicable Applications for anti-MBNL1 antibody	ELISA, WB (Western Blot)
Cross Reactivity	Mouse, Rat
Immunogen	A synthetic peptide corresponding to a sequence within amino acids 280-380 of human MBNL1 (NP_997176.1).
Preparation and Storage	Store at -20 degree C. Avoid freeze/thaw cycles.

IMAGES



WB (Western Blot)

Western blot analysis of lysates from C2C12 cells using MBNL1 Rabbit pAb (AAA283297) at 1:1000 dilution incubated overnight at 4?. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 90s.



WB (Western Blot)

Western blot analysis of lysates from Rat lung using MBNL1 Rabbit pAb (AAA283297) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25 ug per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (RM00020). Exposure time: 45s.

ADDITIONAL INFORMATION

Related Product Information for anti-MBNL1 antibody	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 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.
Product Categories/Family for anti-MBNL1 antibody	Epigenetics Nuclear Signaling; RNA Binding; Antibodies

NCBI AND UNIPROT INFORMATION

NCBI GI #	41281591
NCBI GeneID	4154
NCBI Accession #	NP_066368.2
NCBI GenBank Nucleotide #	NM_021038.3
UniProt Accession #	Q9NR56; O43311; O43797; Q86UV8; Q86UV9; Q96P92; Q96RE3; E9PBW7
Molecular Weight	Calculated MW: 42kDa Observed MW: 35kDa/40kDa/42kDa
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://www.aaabiotech.com/polyclonal/mbnl1-antibody-western-blot-elisa/283297>