

Datasheet for ABIN7160360

anti-MBNL1 antibody (AA 1-382) (HRP)[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	MBNL1
Binding Specificity:	AA 1-382
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This MBNL1 antibody is conjugated to HRP
Application:	ELISA

Product Details

Immunogen:	Recombinant Human Muscleblind-like protein 1 protein (1-382AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

Target Details

Target:	MBNL1
Alternative Name:	MBNL1 (MBNL1 Products)
Background:	Background: 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-

Target Details

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. Aliases: EXP antibody, EXP35 antibody, EXP40 antibody, EXP42 antibody, KIAA0428 antibody, MBNL antibody, MBNL protein antibody, MBNL1 antibody, MBNL1_HUMAN antibody, Muscleblind 41kD isoform antibody, Muscleblind like antibody, Muscleblind like protein 1 antibody, Muscleblind like splicing regulator 1 antibody, Muscleblind-like protein 1 antibody, Triplet expansion RNA binding protein antibody, Triplet-expansion RNA-binding protein antibody

UniProt:	Q9NR56
Pathways:	Ribonucleoprotein Complex Subunit Organization

Application Details

Application Notes:	Optimal working dilution should be determined by the investigator.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	Preservative: 0.03 % Proclin 300 Constituents: 50 % Glycerol, 0.01M PBS, PH 7.4
Preservative:	ProClin
Precaution of Use:	This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C,-80 °C
Storage Comment:	Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.