

MBNL1 Rabbit pAb (AR20085)

Key Features

Host Species:	Rabbit
Reactivity:	Human, Mouse
Applications:	WB
Isotype:	IgG
MW:	43kD (Calculated)

Recommended Dilution Ratios

WB:	1:500-2000
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Storage	-15°C to -25°C/1 year (Do not lower than -25°C)
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Basic Information

Clonality	Polyclonal
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Immunogen Information

Specificity	This antibody detects endogenous levels of MBNL1 at Human, Mouse
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Target Information

Gene name	MBNL1 EXP KIAA0428 MBNL
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Protein Name	Muscleblind-like protein 1 (Triplet-expansion RNA-binding protein)
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Organism	Gene ID	UniProt ID
Human	4154	Q9NR56
Mouse	56758	Q9JKP5

Cellular Localization	Nucleus . Cytoplasm . Cytoplasmic granule . Localized with DDX1, TIAL1 and YBX1 in stress granules upon stress (PubMed:18335541). Localized in the cytoplasm of multinucleated myotubes (PubMed:18335541). Colocalizes with nuclear foci of retained expanded-repeat transcripts in myotubes from patients affected by myotonic dystrophy (PubMed:10970838, PubMed:11590133, PubMed:11929853)
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Tissue specificity	Highly expressed in cardiac, skeletal muscle and during myoblast differentiation. Weakly expressed in other tissues (at protein level). Expressed in heart, brain, placenta, lung, liver, skeletal muscle,
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kidney and pancreas.

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