

## 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)

### 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
Protein Name	Muscleblind-like protein 1 (Triplet-expansion RNA-binding protein)

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)
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,

kidney and pancreas.

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