
Product Information

Product SKU:	CAB5149	Gene ID:	4154	Size:	20uL, 100uL
Clone No:	ARC1199	Host Species:	Rabbit	Reactivity:	Human

Additional Information

Observed MW:	40kDa,42kDa	Conjugate:	Unconjugated
Calculated MW:	42kDa	Isotype:	IgG

Immunogen Information

Background: 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.

Recommended Dilution: WB,1:500 - 1:2000 IF/ICC,1:50 - 1:200

Synonyms: EXP; MBNL; MBNL1

Purification Method: Affinity purification

Immunogen: A synthetic peptide corresponding to a sequence within amino acids 289-388 of human MBNL1 (Q9NR56).

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide,0.05% BSA,50% glycerol,pH7.3.