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Datasheet for ABIN713756 anti-MBNL3 antibody (AA 251-354)



Overview

| Quantity: | 100 µL |
|----------------------|--|
| Target: | MBNL3 |
| Binding Specificity: | AA 251-354 |
| Reactivity: | Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This MBNL3 antibody is un-conjugated |
| Application: | ELISA, Western Blotting (WB), Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p)), Immunohistochemistry (Frozen Sections) (IHC (fro)) |

Product Details

| Immunogen: | KLH conjugated synthetic peptide derived from human MBNL3 |
|-----------------------|---|
| lsotype: | lgG |
| Cross-Reactivity: | Mouse |
| Predicted Reactivity: | Human,Rat,Cow,Sheep,Pig,Horse |
| Purification: | Purified by Protein A. |
| Target Details | |
| Target: | MBNL3 |

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| Alternative Name: | MBNL3 (MBNL3 Products) |
|----------------------------------|---|
| Alternative Name: Background: | MBNL3 (MBNL3 Products) Synonyms: MBLX, CHCR, Cys3His CCG1 required protein, MBLX39, MBNL 3, MBXL, Muscleblind like protein 3, Muscleblind like X linked protein, Protein HCHCR, MBNL3_HUMAN. Background: MBNL3 has been shown to inhibit muscle differentiation. MBNL3 belongs to a highly conserved family of tissue-specific alternative splicing regulators. This family is known to regulate terminal muscle differentiation through alternative splicing control and several groups have suggested that the family participates in the differentiation of photoreceptors, neurons, adipocytes and blood cell types. MBNL3 is expressed in myoblasts, muscle precursor cells, and during the early stages of myogenesis, but is detected at very low levels in terminally differentiated myotubes. MBNL proteins have been shown to sequester foci of expanded-repeat transcripts and are thought to therefore play a role in the molecular pathology of a group of |
| | neuromuscular diseases including the Myotonic Dystrophies. |
| Gene ID: | 55796 |
| UniProt: | Q9NUK0 |
| Pathways: | Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development |
| Application Details | |
| Application Notes: | WB 1:300-5000 |
| | ELISA 1:500-1000 |
| | IHC-P 1:200-400 |
| | IHC-F 1:100-500 |
| | IF(IHC-P) 1:50-200 |
| | IF(IHC-F) 1:50-200 |
| | IF(ICC) 1:50-200 |
| Restrictions: | For Research Use only |
| Handling | |
| Format: | Liquid |
| Concentration: | 1 μg/μL |
| | |

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be

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Preservative:

ProClin

Handling

| | handled by trained staff only. |
|------------------|---|
| Storage: | 4 °C,-20 °C |
| Storage Comment: | Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles. |
| Expiry Date: | 12 months |