

Datasheet for ABIN657743
anti-Myogenin antibody (N-Term)

2 Images

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Overview

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|----------------------|-----------------------|
| Quantity: | 400 µL |
| Target: | Myogenin (MYOG) |
| Binding Specificity: | AA 30-58, N-Term |
| Reactivity: | Human, Mouse |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Application: | Western Blotting (WB) |

Product Details

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|---------------|--|
| Immunogen: | This MYOG antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 30-58 amino acids from the N-terminal region of human MYOG. |
| Clone: | RB32971 |
| Isotype: | Ig Fraction |
| Purification: | This antibody is purified through a protein A column, followed by peptide affinity purification. |

Target Details

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|-------------------|---|
| Target: | Myogenin (MYOG) |
| Alternative Name: | MYOG (MYOG Products) |
| Background: | Myogenin is a muscle-specific transcription factor that can induce myogenesis in a variety of cell types in tissue culture. It is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. It is essential for the development of functional |

Target Details

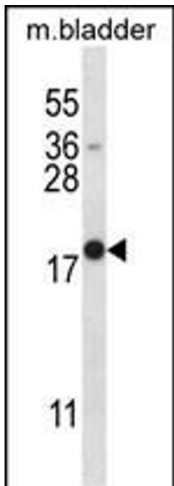
| | |
|-------------------|--|
| | skeletal muscle. [provided by RefSeq]. |
| Molecular Weight: | 25037 |
| Gene ID: | 4656 |
| NCBI Accession: | NP_002470 |
| UniProt: | P15173 |
| Pathways: | Regulation of Muscle Cell Differentiation, Skeletal Muscle Fiber Development |

Application Details

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|--------------------|------------------------|
| Application Notes: | WB: 1:1000. WB: 1:1000 |
| Restrictions: | For Research Use only |

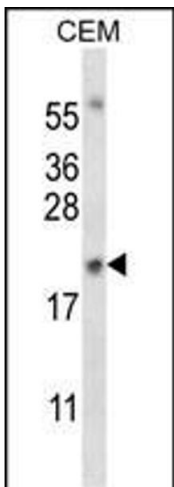
Handling

| | |
|--------------------|--|
| Format: | Liquid |
| Buffer: | Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Storage: | 4 °C,-20 °C |
| Storage Comment: | MYOG Antibody (N-term) can be refrigerated at 2-8 °C for up to 6 months. For long term storage, place the at -20 °C. |
| Expiry Date: | 6 months |



Western Blotting

Image 1. MYOG Antibody (N-term) (ABIN657743 and ABIN2846727) western blot analysis in mouse bladder tissue lysates (35 µg/lane). This demonstrates the MYOG antibody detected the MYOG protein (arrow).



Western Blotting

Image 2. MYOG Antibody (N-term) (ABIN657743 and ABIN2846727) western blot analysis in CEM cell line lysates (35 µg/lane). This demonstrates the MYOG antibody detected the MYOG protein (arrow).