

ARG65254
anti-Myogenin antibodyPackage: 100 µg
Store at: -20°C

Summary

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|---------------------|---|
| Product Description | Goat Polyclonal antibody recognizes Myogenin |
| Tested Reactivity | Ms |
| Predict Reactivity | Hu, Rat, Cow, Dog, Pig |
| Tested Application | WB |
| Host | Goat |
| Clonality | Polyclonal |
| Isotype | IgG |
| Target Name | Myogenin |
| Species | Human |
| Immunogen | C-TDAHNLHSLTSIVD |
| Conjugation | Un-conjugated |
| Alternate Names | MYF4; Myf-4; Myogenin; bHLHc3; myf-4; Class C basic helix-loop-helix protein 3; Myogenic factor 4 |

Application Instructions

| | | |
|-------------------|--|-------------|
| Application table | Application | Dilution |
| | WB | 2 - 4 µg/ml |
| Application Note | WB: Recommend incubate at RT for 1h. * The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist. | |

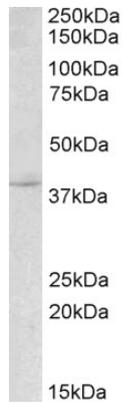
Properties

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|---------------------|--|
| Form | Liquid |
| Purification | Purified from goat serum by antigen affinity chromatography. |
| Buffer | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA. |
| Preservative | 0.02% Sodium azide |
| Stabilizer | 0.5% BSA |
| Concentration | 0.5 mg/ml |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |
| Note | For laboratory research only, not for drug, diagnostic or other use. |

Bioinformation

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| Database links | GeneID: 17928 Mouse Swiss-port # P12979 Mouse |
| 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 skeletal muscle. [provided by RefSeq, Jul 2008] |
| Research Area | Developmental Biology antibody; Gene Regulation antibody |
| Calculated Mw | 25 kDa |
| PTM | Phosphorylated by CAMK2G on threonine and serine amino acids in a muscle activity-dependent manner. Phosphorylation of Thr-87 impairs both DNA-binding and trans-activation functions in contracting muscles (By similarity). |

Images



ARG65254 anti-Myogenin antibody WB image

Western blot: Mouse Skeletal Muscle lysate (35 μ g protein in RIPA buffer) stained with ARG65254 anti-Myogenin antibody at 2 μ g/ml dilution.