

## ARG65254 anti-Myogenin antibody

Package: 100 µg  
Store at: -20°C

### Summary

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.	

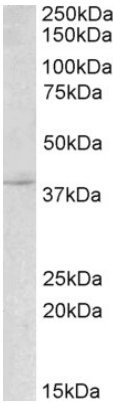
### Properties

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

Database links	<a href="#">GeneID: 17928 Mouse</a> <a href="#">Swiss-port # P12979 Mouse</a>
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 µg protein in RIPA buffer) stained with ARG65254 anti-Myogenin antibody at 2 µg/ml dilution.