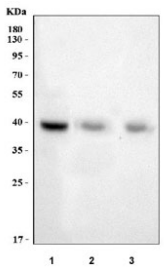
Myogenin Antibody / MYOG / Myf-4 (RQ8494)

Catalog No.	Formulation	Size
RQ8494	0.5mg/ml if reconstituted with 0.2ml sterile DI water	100 ug

Bulk quote request

Availability	1-3 days
Species Reactivity	Monkey, Mouse, Rat
Format	Antigen affinity purified
Host	Rabbit
Clonality	Polyclonal (rabbit origin)
Isotype	Rabbit IgG
Purity	Antigen affinity purified
Buffer	Lyophilized from 1X PBS with 2% Trehalose
UniProt	P15173
Applications	Western blot: 0.5-1ug/ml ELISA: 0.1-0.5ug/ml
Limitations	This Myogenin antibody is available for research use only.



Western blot testing of 1) monkey skeletal muscle, 2) rat skeletal muscle and 3) mouse skeletal muscle tissue lysate with Myogenin antibody. Predicted molecular weight ~25 kDa, routinely observed at ~34 kDa.

Description

Myogenin, is a transcriptional activator encoded by the MYOG gene. 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.

Application Notes

Optimal dilution of the Myogenin antibody should be determined by the researcher.

Immunogen

An E.coli-derived human recombinant protein (amino acids M1-N224) was used as the immunogen for the Myogenin antibody.

Storage

After reconstitution, the Myogenin antibody can be stored for up to one month at 4oC. For long-term, aliquot and store at -20oC. Avoid repeated freezing and thawing.

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