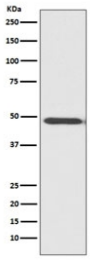
MyoD Antibody [clone AABF-13] (RQ5443)

Catalog No.	Formulation	Size
RQ5443	Antibody in PBS with 0.02% sodium azide, 50% glycerol and 0.4-0.5mg/ml BSA	100 ul

Bulk quote request

Availability	1-2 weeks
Species Reactivity	Human
Format	Purified
Host	Rabbit
Clonality	Rabbit Monoclonal
Isotype	Rabbit IgG
Clone Name	AABF-13
Purity	Affinity purified
UniProt	P15172
Applications	Western blot: 1:500-1:2000
Limitations	This MyoD antibody is available for research use only.



Western blot testing of human HeLa cell lysate with MyoD antibody. Expected molecular weight: 43-45 kDa.

Description

The MYOD1 gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis. [RefSeq]

Application Notes

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

Immunogen

A synthetic peptide specific to human MyoD1 was used as the immunogen for the MyoD antibody.

Storage

Store the MyoD antibody at -20oC.

Copyright © NSJ Bioreagents. All rights reserved.