

MYF6 Antibody
Purified Mouse Monoclonal Antibody
Catalog # AO1728a**Specification****MYF6 Antibody - Product Information**

Application	E, WB
Primary Accession	P23409
Reactivity	Human
Host	Mouse
Clonality	Monoclonal
Isotype	IgG1
Calculated MW	27kDa KDa

Description

The protein encoded by this gene is a probable basic helix-loop-helix (bHLH) DNA binding protein involved in muscle differentiation. The encoded protein likely acts as a heterodimer with another bHLH protein. Defects in this gene are a cause of autosomal dominant centronuclear myopathy (ADCNM).

Immunogen

Purified recombinant fragment of human MYF6 (AA: 85-150) expressed in E. Coli.

Formulation

Purified antibody in PBS with 0.05% sodium azide

MYF6 Antibody - Additional Information

Gene ID 4618

Other Names

Myogenic factor 6, Myf-6, Class C basic helix-loop-helix protein 4, bHLHc4, Muscle-specific regulatory factor 4, MYF6, BHLHC4, MRF4

Dilution

E~~1/10000

WB~~1/500 - 1/2000

Storage

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

Precautions

MYF6 Antibody is for research use only and not for use in diagnostic or therapeutic procedures.

MYF6 Antibody - Protein Information

Name MYF6

Synonyms BHLHC4, MRF4

Function

Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Probable sequence specific DNA-binding protein.

Cellular Location

Nucleus.

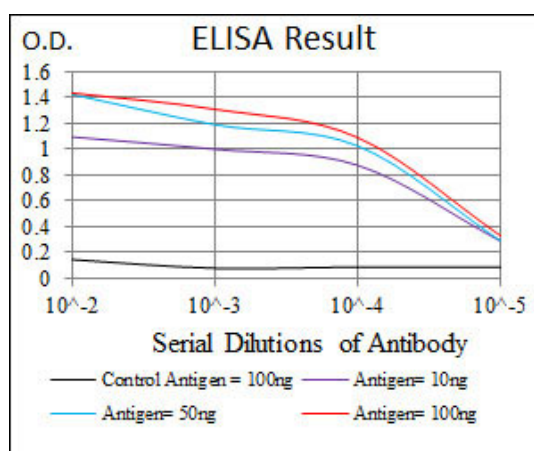
Tissue Location

Skeletal muscle.

MYF6 Antibody - Protocols

Provided below are standard protocols that you may find useful for product applications.

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)



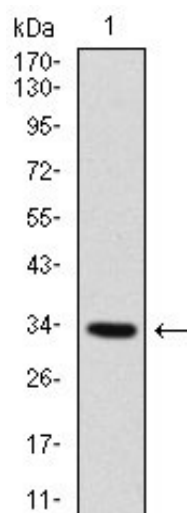


Figure 1: Western blot analysis using MYF6 mAb against human MYF6 recombinant protein. (Expected MW is 33.4 kDa)

MYF6 Antibody - References

1. J Bone Miner Res. 2009 Dec;24(12):2039-49.
2. J Appl Physiol. 2006 Aug;101(2):531-44.