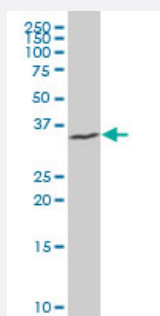


MYOD1 polyclonal antibody (A01)

Catalog # H00004654-A01

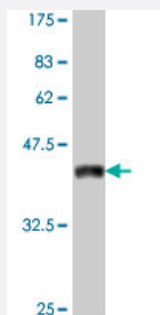
Size 50 uL

Applications



Western Blot (Cell lysate)

MYOD1 polyclonal antibody (A01), Lot # 051017JC01. Western Blot analysis of MYOD1 expression in Daoy.



Western Blot detection against Immunogen (38.21 kDa) .

Specification

Product Description

Mouse polyclonal antibody raised against a partial recombinant MYOD1.

Immunogen

MYOD1 (NP_002469, 211 a.a. ~ 320 a.a) partial recombinant protein with GST tag.

Sequence

MDYSGPPSGARRRNCYEGAYYNEAPSEPRPGKSAAVSSLDCLSSIVERISTESPAAPALLLADVP
SESPPRRQEAAAAPSEGESSGDPTQSPDAAPQCPAGANPNPIYQVL

Host

Mouse

Reactivity

Human

Quality Control Testing

Antibody Reactive Against Recombinant Protein.
Western Blot detection against Immunogen (38.21 kDa) .

Storage Buffer	50 % glycerol
----------------	---------------

Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
---------------------	--

Applications

- Western Blot (Cell lysate)

MYOD1 polyclonal antibody (A01), Lot # 051017JC01. Western Blot analysis of MYOD1 expression in Daoy.

[Protocol Download](#)

- Western Blot (Recombinant protein)

[Protocol Download](#)

- ELISA

Gene Info — MYOD1

Entrez GeneID	4654
---------------	----------------------

GeneBank Accession#	NM_002478
---------------------	---------------------------

Protein Accession#	NP_002469
--------------------	---------------------------

Gene Name	MYOD1
-----------	-------

Gene Alias	MYF3, MYOD, PUM, bHLHc1
------------	-------------------------

Gene Description	myogenic differentiation 1
------------------	----------------------------

Omim ID	159970
---------	------------------------

Gene Ontology	Hyperlink
---------------	---------------------------

Gene Summary	This 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. [provided by RefSeq]
--------------	---

Other Designations	myoblast determination protein 1 myogenic factor 3
--------------------	--

Disease

- [Carotid Artery Diseases](#)
- [Plaque](#)