

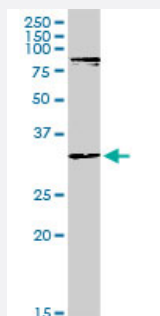
MaxPab®

MYOD1 purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004654-D01P

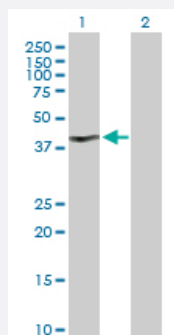
Size 100 ug

Applications



Western Blot (Tissue lysate)

MYOD1 MaxPab rabbit polyclonal antibody. Western Blot analysis of MYOD1 expression in mouse spleen.



Western Blot (Transfected lysate)

Western Blot analysis of MYOD1 expression in transfected 293T cell line ([H00004654-T01](#)) by MYOD1 MaxPab polyclonal antibody.

Lane 1: MYOD1 transfected lysate(34.50 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Rabbit polyclonal antibody raised against a full-length human MYOD1 protein.

Immunogen

MYOD1 (NP_002469.2, 1 a.a. ~ 320 a.a) full-length human protein.

Sequence

MELLSPPLRDVDLTAPDGSLCSFATDDFYDDPCFDSPDLRFFEDLDPRLMHVGALLKPEEHS
FPAAVHPAPGAREDEHVRAPSGHHQAGRCLLWACKACKRKTTNADRRKAATMRERRRLSKVN
EAFETLKRCTSSNPQNRLPKVEILRNAIRYIEGLQALLRDQDAAPPAAAAFYAPGPLPPGRGGEH
YSGSDASSPRSNCSGMDYSGPPSGARRRNCYEGAYYNEAPSEPRPGKSAAVSSLDCLSSI
VERISTESPAAPALLLADVPSESPRRQEAAAPSEGESSGDPTQSPDAAPQCPAGANPNPIYQV
L

Host

Rabbit

Reactivity	Human, Mouse
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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- Western Blot (Tissue lysate)

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[Protocol Download](#)

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Gene Info — MYOD1

Entrez GeneID	4654
GeneBank Accession#	NM_002478.4
Protein Accession#	NP_002469.2
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](#)