

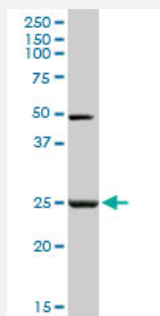
MaxPab®

## MYOG purified MaxPab rabbit polyclonal antibody (D01P)

Catalog # H00004656-D01P

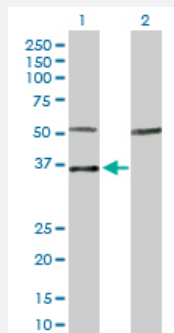
Size 100 ug

### Applications



#### Western Blot (Tissue lysate)

MYOG MaxPab rabbit polyclonal antibody. Western Blot analysis of MYOG expression in mouse lung.



#### Western Blot (Transfected lysate)

Western Blot analysis of MYOG expression in transfected 293T cell line ([H00004656-T02](#)) by MYOG MaxPab polyclonal antibody.

Lane 1: MYOG transfected lysate(25.00 KDa).

Lane 2: Non-transfected lysate.

### Specification

#### Product Description

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

#### Immunogen

MYOG (NP\_002470.2, 1 a.a. ~ 224 a.a) full-length human protein.

#### Sequence

MELYETSPYFYQEPRFYDGENYLPVHLQGFEPPTYERTELTSPEAPGPLEDKGLGTPEHCPGQ  
CLPWACKVCKRKSVSVDRRRAATLREKRRLKKVNEAFEALKRSTLLNPNQRLPKVEILRSAIQYIE  
RLQALLSSLNQEERDLRYRGGGGPQPGVPSECSSHSASCSPWGSALFESANPGDHLLTADPT  
DAHNLHSLTSIVDSITVEDVSVAFPDETMPN

#### 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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[Protocol Download](#)

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[Protocol Download](#)

## Gene Info — MYOG

Entrez GeneID	<a href="#">4656</a>
GeneBank Accession#	<a href="#">NM_002479.3</a>
Protein Accession#	<a href="#">NP_002470.2</a>
Gene Name	MYOG
Gene Alias	MYF4, MYOGENIN, bHLHc3
Gene Description	myogenin (myogenic factor 4)
Omim ID	<a href="#">159980</a>
Gene Ontology	<a href="#">Hyperlink</a>
Gene Summary	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. [provided by RefSeq]
Other Designations	Myogenic factor-4; myogenin OTTHUMP00000039094 myogenic factor 4 myogenin

## Publication Reference

- [Large-scale spontaneous self-organization and maturation of skeletal muscle tissues on ultra-compliant gelatin hydrogel substrates.](#)

Joel H Jensen, Selgin D Cakal, Jingwen Li, Christian J Pless, Carmen Radeke, Morten Leth Jepsen, Thomas E Jensen, Martin Dufva, Johan U Lind.

Scientific Reports 2020 Aug; 10(1):13305.

Application: WB-Ce, Mouse, C2C12 cells