

DNAxPAb

Hard-to-Find
Antibody

MYOD1 DNAxPab

Catalog # H00004654-W01P Size 200 ug

Specification

Product Description	Rabbit polyclonal antibody raised against a full-length human MYOD1 DNA using DNAx™ Immune technology.
Technology	DNAx™ Immune
Immunogen	Full-length human DNA
Sequence	MELLSPPLRDVDLTAPDGSLSFATDDFYDDPCFDSPDLRFFEDLDPRLMHVGALLKPEEHS FPAAVHPAPGAREDEHVRAPSGHHQAGRCLLWACKACKRKTTNADRRKAATMRERRRLSKVN EAFETLKRCTSSNPQNQLPKVEILRNAIRYIEGLQALLRDQDAAPPAAAAFYAPGPLPPGRGGEH YSGDSDASSPRSNCSGMMDYSGPPSGARRRNCYEGAYNEAPSEPRPGKSAAVSSLDCLSSI VERISTESPAAPALLLADVPSSEPPRRQEAAAPSEGESSGDPTQSPDAAPQCPAGANPNPIYQV L
Host	Rabbit
Reactivity	Human
Purification	Protein A
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.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- Immunofluorescence (Transfected cell)

- Flow Cytometry (Transfected cell)

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](#)