

Rabbit anti-Human MYOD / MYOD1 Polyclonal Antibody | anti-MYOD antibody

Rabbit Polyclonal to Human MYOD / MYOD1

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA52367	Rabbit	Human	Western Blot, Immunofluorescence, Immunohistochemistry

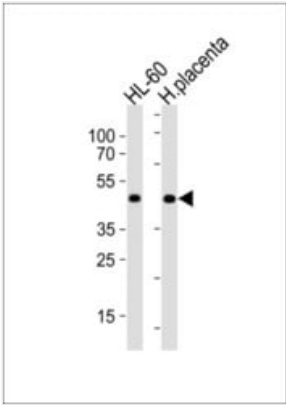
PRODUCT SYNONYMS

MYOD / MYOD1; Polyclonal Antibody; Rabbit Polyclonal to Human MYOD / MYOD1; Anti-MYOD / MYOD1 Antibody (aa211-240) IHC-plus; MYOD1; BHLHc1; Myogenic differentiation 1; Myf-3; MYOD; Myogenic factor 3; PUM; MYF3; Human MYOD; anti-MYOD antibody

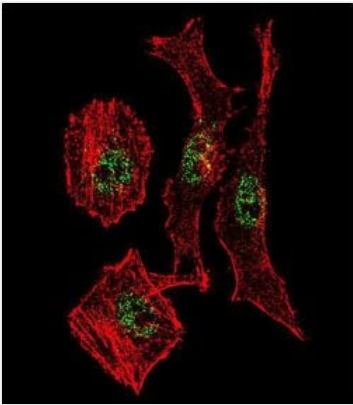
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Specificity	Human MYOD
Purity/Purification	Immunoaffinity Purified
Form/Format	PBS, 0.09% sodium azide
Sequence Length	320
Applicable Applications for anti-MYOD antibody	WB (Western Blot), IF (Immunofluorescence), IHC (Immunohistochemistry)
Target Species	Human
Immunogen Description	KLH-conjugated synthetic peptide from internal region of human MyoD1.
Immunogen Type	Synthetic peptide
Immunogen	MYOD / MYOD1 antibody was raised against KLH-conjugated synthetic peptide from internal region of human MyoD1.
Antigen Modification	aa211-240
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C.

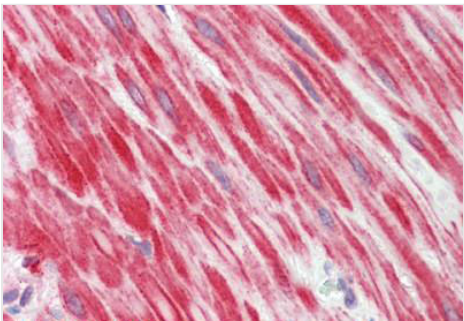
IMAGES



WB (Western Blot)
MyoD1 Antibody (Center) Western blot of HL-60 cell line lysates (35 ug/lane). This demonstrates the MyoD1 antibody detected the MyoD1 protein (arrow).



IF (Immunofluorescence)
Confocal immunofluorescence of MyoD1 Antibody (Center)with MDA-MB231 cell followed by Alexa Fluor 488-conjugated goat anti-rabbit IgG (green).Actin filaments have been labeled with Alexa Fluor 555 phalloidin (red).



IHC (Immunohistochemistry)
Anti-MYOD / MYOD1 antibody IHC staining of human small intestine, muscularis propria. Immunohistochemistry of formalin-fixed, paraffin-embedded tissue after heat-induced antigen retrieval.

ADDITIONAL INFORMATION

Related Product Information for anti-MYOD antibody	The myoD1 gene product is involved in converting many differentiated cell types into muscle. The MyoD protein is a member of a large family of proteins related by sequence homology, the helix-loop-helix (HLH) proteins. MYOD1 gene is tightly linked to the structural gene for lactate dehydrogenase-A. MyoD activates its own transcription; this may stabilize commitment to myogenesis.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23111009
NCBI GeneID	4654
NCBI Accession #	NP_002469.2
NCBI GenBank Nucleotide #	NM_002478.4
UniProt Accession #	P15172; O75321
Molecular Weight	34,501 Da
NCBI Official Full Name	myoblast determination protein 1
NCBI Official Synonym Full Names	myogenic differentiation 1
NCBI Official Symbol	MYOD1
NCBI Official Synonym Symbols	PUM; MYF3; MYOD; bHLHc1

NCBI Protein Information	myoblast determination protein 1; myf-3; myogenic factor 3; class C basic helix-loop-helix protein 1
UniProt Protein Name	Myoblast determination protein 1
UniProt Gene Name	MYOD1
UniProt Synonym Gene Names	BHLHC1; MYF3; MYOD; bHLHc1; Myf-3
UniProt Entry Name	MYOD1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/myod-myod1-antibody-western-blot-immunofluorescence-immunohistochemistry-elisa/52367>