

Rabbit MYOD1 Polyclonal Antibody | anti-MYOD1 antibody

Anti-MYOD1 (pS200) Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA263970	Rabbit	Human, Mouse, Rat, Bovine, Pig, Sheep, Zebrafish	Immunohistochemistry, Western Blot

PRODUCT SYNONYMS

MYOD1; Polyclonal Antibody; Anti-MYOD1 (pS200) Antibody; BHLHC1; MYF3; MYOD; Myoblast determination protein 1; Class C basic helix-loop-helix protein 1; bHLHC1; Myogenic factor 3; Myf-3; anti-MYOD1 antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat, Bovine, Pig, Sheep, Zebrafish
Clonality	Polyclonal
Specificity	Recognizes endogenous levels of MYOD1 protein only when phosphorylated at S200.
Purity/Purification	Purified by Immunogen Affinity Chromatography
Form/Format	Liquid in 0.42% Potassium Phosphate, 0.87% Sodium Chloride, pH 7.3, 30% Glycerol, and 0.01% Sodium Azide.
Applicable Applications for anti-MYOD1 antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	KLH-conjugated synthetic peptide encompassing a sequence within the center region of human MYOD1 (pS200). The exact sequence is proprietary.
Preparation and Storage	Upon delivery aliquot and store at -20 degree C for one year. Avoid freeze/thaw cycles.

IMAGES



IHC (Immunohistochemistry)

Immunohistochemical analysis of MYOD1 (pS200) staining in human heart formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.



WB (Western Blot)

Western blot analysis of MYOD1 (Phospho-S200) expression in EC9706 (A), mouse muscle (B) whole cell lysates. (Predicted band size: 34 kD; Observed band size: 45 kD)

ADDITIONAL INFORMATION

Related Product Information for anti-MYOD1 antibody	Rabbit polyclonal antibody to MYOD1 (Phospho-S200)
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NCBI AND UNIPROT INFORMATION

NCBI GI #	23111009
NCBI GeneID	4654 (Human); 17927 (Mouse); 337868 (Rat)

NCBI Accession #	NP_002469.2
NCBI GenBank Nucleotide #	NM_002478.4
UniProt Accession #	P15172; P10085; Q02346
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.

AAA Biotech | Tel: +1 (619) 604-9440 | Fax: +1 (619) 604-9441 | contact@aaabiotech.com
Online datasheet: <https://stage.aaabiotech.com/polyclonal/myod1-antibody-immunohistochemistry-western-blot-elisa/263970>