

MyoD Antibody | anti-MyoD antibody

MyoD (Phospho-Ser200) Antibody

CATALOG # AAA111097	REACTIVITY Human, Mouse, Rat	APPLICATIONS Western Blot
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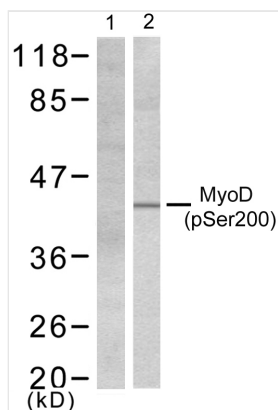
PRODUCT SYNONYMS

MyoD; MyoD (Phospho-Ser200) Antibody; anti-MyoD antibody

PRODUCT SPECIFICATIONS

Reactivity	Human, Mouse, Rat
Specificity	MyoD (phospho-Ser200) antibody detects endogenous levels of MyoD only when phosphorylated at serine 200.
Purity/Purification	Affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific phosphopeptide. The antibody against non-phosphopeptide was removed by chromatography using non-phosphopeptide corresponding to the phosphorylation site.
Form/Format	In phosphate buffered saline (without Mg ²⁺ and Ca ²⁺), pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Sequence Length	320
Applicable Applications for anti-MyoD antibody	WB (Western Blot)
Immunogen	The antiserum was produced against synthesized phosphopeptide derived from human MyoD around the phosphorylation site of serine 200 (A-S-SP-P-R).
Preparation and Storage	Store at -20 degree C for 1 year

IMAGES



WB (Western Blot)

Western blot analysis of extract from HeLa cells, untreated or treated with vanadate (1mg/ml, 30min), using MyoD (phospho-Ser200) antibody.

ADDITIONAL INFORMATION

Product Categories/Family for anti-MyoD antibody	Autophagy antibody; Cancer; Cardiovascular; Cell Biology; Epigenetics & Nuclear Signaling; Developmental Biologys; Immunology; Drug Discovery Products; Metabolism; Neuroscience; Signal Transduction; Stem Cells
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References	Emmanuel G, et al. J. Biol. Chem., Jun 2000; 275: 18767-18776 Tintignac LA, et al. Mol Cell Biol. 2004 Feb; 24(4): 1809-1821. Kitzmann M, et a. Mol Cell Biol. 1999 Apr; 19(4): 3167-3176.
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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
UniProt Protein Name	Myoblast determination protein 1
UniProt Gene Name	MYOD1
UniProt Synonym Gene Names	BHLHC1; MYF3; MYOD; bHLHc1; Myf-3

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/human-mouse-rat-antibody/myod/111097>