

Rabbit anti-Human, mouse MYOGENIN Polyclonal Antibody | anti-MYOG antibody

MYOGENIN Antibody (N-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289848	Rabbit	Human, mouse	ELISA, Western Blot

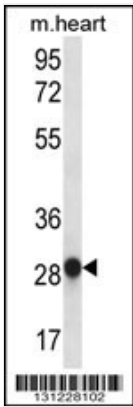
PRODUCT SYNONYMS

MYOGENIN; Polyclonal Antibody; MYOGENIN Antibody (N-term); Myogenin; Class C basic helix-loop-helix protein 3; bHLHc3; Myogenic factor 4; Myf-4; MYOG; BHLHC3; MYF4; anti-MYOG antibody

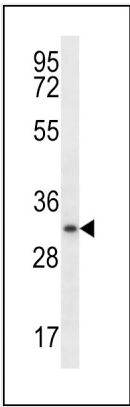
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, mouse
Clonality	Polyclonal
Isotype	Rabbit Ig
Specificity	This MYOGENIN antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 1-30 amino acids from the N-terminal region of human MYOGENIN.
Purity/Purification	Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.
Concentration	Vial Concentration: 0.5 (varies by lot)
Sequence Positions	1-30
Sequence Length	224
Applicable Applications for anti-MYOG antibody	ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

IMAGES



WB (Western Blot)
MYOGENIN Antibody (N-term) western blot analysis in mouse heart tissue lysates (35ug/lane).This demonstrates the MYOGENIN antibody detected the MYOGENIN protein (arrow).



WB (Western Blot)
MYOGENIN Antibody (N-term) western blot analysis in ZR-75-1 cell line lysates (35ug/lane).This demonstrates the MYOGENIN antibody detected the MYOGENIN protein (arrow).

ADDITIONAL INFORMATION

Related Product Information for anti-MYOG antibody	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].
Product Categories/Family for anti-MYOG antibody	Signal Transduction
References	Gao, X., et al. J. Cell. Biochem. 110(1):162-170(2010) Yerges, L.M., et al. J. Bone Miner. Res. 24(12):2039-2049(2009) Ramamoorthy, S., et al. Am. J. Physiol. Endocrinol. Metab. 297 (2), E392-E401 (2009) : Nanni, P., et al. Mol. Cancer Ther. 8(4):754-761(2009) Gong, C., et al. Genes Dev. 23(1):54-66(2009)

NCBI AND UNIPROT INFORMATION

NCBI GI #	18765727
NCBI GeneID	4656
NCBI Accession #	NP_002470.2
NCBI GenBank Nucleotide #	NM_002479.5
UniProt Accession #	P15173; Q53XW6
Molecular Weight	25037
NCBI Official Full Name	myogenin
NCBI Official Synonym Full Names	myogenin (myogenic factor 4)
NCBI Official Symbol	MYOG
NCBI Official Synonym Symbols	MYF4; myf-4; bHLHc3
NCBI Protein Information	myogenin
UniProt Protein Name	Myogenin
UniProt Gene Name	MYOG

UniProt Synonym Gene Names	BHLHC3; MYF4; bHLHc3; Myf-4
UniProt Entry Name	MYOG_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/myogenin-antibody-western-blot-elisa/289848>