

Product datasheet for **TA373029S**

MYOD1 Rabbit Polyclonal Antibody

Product data:

Product Type:	Primary Antibodies
Applications:	WB
Recommended Dilution:	WB: 200-1000 WB positive control: NIH/3T3 cell lysate
Reactivity:	Human, Mouse, Rat
Host:	Rabbit
Isotype:	IgG
Clonality:	Polyclonal
Immunogen:	Synthetic peptide of human MYOD1
Formulation:	pH7.4 PBS, 0.05% NaN ₃ , 40% Glycerol
Concentration:	lot specific
Purification:	Antigen affinity purification
Conjugation:	Unconjugated
Storage:	Store at -20°C.
Stability:	1 year
Predicted Protein Size:	35 kDa
Gene Name:	myogenic differentiation 1
Database Link:	Entrez Gene 4654 Human P15172

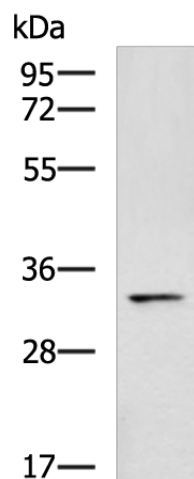
Background: This gene encodes a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. It regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. The protein is also involved in muscle regeneration. It activates its own transcription which may stabilize commitment to myogenesis.

Synonyms: bHLHc1; Myf-3; MYF3; MYOD; PUM



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Product images:



Gel: 8%SDS-PAGE
Lysate: 40 μ g
Lane: NIH/3T3 cell lysate
Primary antibody: [TA373029] (MYOD1 Antibody)
at dilution 1/500
Secondary antibody: Goat anti rabbit IgG at
1/5000 dilution
Exposure time: 30 seconds