

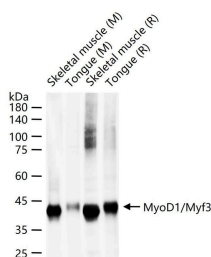
Anti-MyoD1/Myf3 Polyclonal Antibody 2

Product Details

Ig Type:	IgG
Reactivity:	Mouse,Rat (predicted:Chicken)
Molecular Weight:	Theoretical: 35 kDa. Actual: 42 kDa.
Purification:	Protein A purified

Applications

Verified Activity: 25 µg total protein per Lane of various lysates probed with MyoD1/Myf3 polyclonal antibody, unconjugated (TMAB-01195) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at RT for 60 min.



Application:	WB
Recommended	WB=1:1000-5000

Properties

Stability & Storage: Store at -20°C or -80°C for 12 months. Avoid repeated freeze-thaw cycles.
Shipping: Shipping with blue ice.

Antigen Details

Immunogen:	KLH conjugated synthetic peptide: mouse MyoD1
Antigen Species:	Mouse
Gene ID:	17927
Uniprot ID:	P10085
Synonyms:	AI503393;Class C basic helix-loop-helix protein 1;MGC156574;Myogenic factor 3;MYOD;MYF3;Myf-3;MYOD1;MD1;bHLHc1;PUM;Myogenic differentiation 1
Biology Area:	Muscle,HLH

Research 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. [provided by RefSeq, Jul 2008]

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