
Product Name: Myoblast Determination Protein 1 Rabbit Polyclonal Antibody**Catalog #: APRab03357**

For research use only.

Summary

Description	Rabbit polyclonal Antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat,Other
Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal
Form	Liquid
Concentration	1mg/ml
Storage	Aliquot and store at -20°C (valid for 12 months). Avoid freeze/thaw cycles.
Shipping	Ice bags
Buffer	Liquid in PBS containing 50% glycerol, 0.5% protective protein and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purification

Application

Dilution Ratio	WB 1:500-1:1000,ELISA 1:5000-1:20000
Molecular Weight	Calculated MW: 35 kDa; Observed MW: 35 kDa

Antigen Information

Gene Name	MYOD1
Alternative Names	MYOD1; BHLHC1; MYF3; MYOD; Myoblast determination protein 1; Class C basic helix-loop-helix protein 1; bHLHc1; Myogenic factor 3; Myf-3
Gene ID	4654
SwissProt ID	P15172
Immunogen	The antiserum was produced against synthesized peptide derived from human MyoD around the non-acetylation site of Lys99/102. AA range:61-110

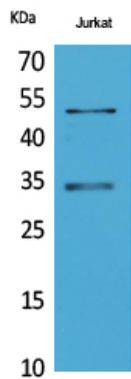
Background

Involved in muscle differentiation (myogenic factor). Induces fibroblasts to differentiate into myoblasts. Activates muscle-specific promoters. Interacts with and is inhibited by the twist protein. This interaction probably involves the basic domains of both proteins.

Research Area

Epigenetics and Nuclear Signaling

Image Data



Western blot analysis of Myoblast Determination Protein 1 in Jurkat lysates using Myoblast Determination Protein 1 antibody.