

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

Summary

Production Name	Myoblast Determination Protein 1 Rabbit Polyclonal Antibody
Description	Primary antibody
Host	Rabbit
Application	WB,ELISA
Reactivity	Human,Mouse,Rat,Chicken

Performance

Conjugation	Unconjugated
Modification	Unmodified
Isotype	IgG
Clonality	Polyclonal Antibody
Form	Liquid
Storage	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
Buffer	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
Purification	Affinity Purified

Immunogen

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

Application

Dilution Ratio	WB: 1/500-1/1000 ELISA: 1/10000
Molecular Weight	Calculated MW: 35 kDa; Observed MW: 35 kDa

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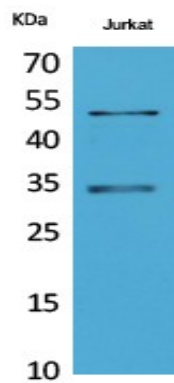
Background

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.

Note

For research use only.