

Phospho-MYOD1-S200

Reactivity: Human Mouse Rat

Tested applications: WB

Recommended Dilution: WB 1:500 - 1:2000

Calculated MW: 40kDa

Observed MW: Refer to Figures

Immunogen:

A phospho specific peptide corresponding to residues surrounding S200 of human MYOD1

Storage Buffer:

Store at -20. Avoid freeze / thaw cycles. Buffer: PBS with 0.02% sodium azide, 50% glycerol, pH7.3.

Concentration:

k

Synonym:

PUM; MYF3; MYOD; bHLHc1;

Catalog #: AP0150

Antibody Type:

Polyclonal Antibody

Species: Rabbit

Gene ID: 4654

Isotype: IgG

Swiss Prot: P15172

Purity: Affinity purification

For research use only.

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.

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