

## 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:**

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**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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