



Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

MYOD1 (C) Antibody, Rabbit Polyclonal

Cat#: R2608-2

Quantity: 100 ul

Predicted | Observed M.W.: 34 | 46 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P15172

Background:

MYOD1 is a nuclear protein that belongs to the basic helix-loop-helix family of transcription factors and the myogenic factors subfamily. MYOD1 regulates muscle cell differentiation by inducing cell cycle arrest, a prerequisite for myogenic initiation. MYOD1 is also involved in muscle regeneration. MYOD1 activates its own transcription which may stabilize commitment to myogenesis.

Other Names:

Myoblast determination protein 1, Class C basic helix-loop-helix protein 1, bHLHc1, Myogenic factor 3, Myf-3, BHLHC1, MYF3, MYOD

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human MYOD1. Antibodies were purified by affinity purification using immunogen.

Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN₃. Store at -20 °C. Stable for 6 months from date of receipt.

Species Specificity:

Human, Mouse

Tested Applications:

WB: 1:1,000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

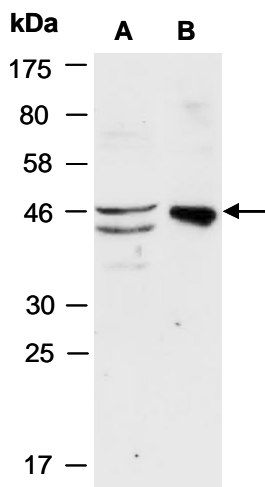


Fig 1. Western blot of total cell extracts from (A) mouse brain, (B) human HeLa; using anti-MYOD1 (C) (R2608-2) at RT for 2 h.