



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

MTF1 (C) Antibody, Rabbit Polyclonal

Cat#: R1679-3

Quantity: 100 ul

Predicted | Observed MW: 81 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q14872

Background:

Metal regulatory transcription factor 1 (MTF1) activates the metallothionein I promoter. MTF1 binds to the metal responsive element (MRE), which mediates induced transcription of metallothionein genes through exposure of cells to heavy metals. Metallothioneins (MTs) are small cysteine-rich proteins that bind heavy metal ions such as zinc, cadmium and copper with high affinity, and have been functionally implicated in heavy metal detoxification and radical scavenging.

Other Names:

Metal regulatory transcription factor 1, MRE-binding transcription factor, Transcription factor MTF-1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human MTF1. 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: 1:500-1:2,000 (detect endogenous protein*)

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

Product Data:

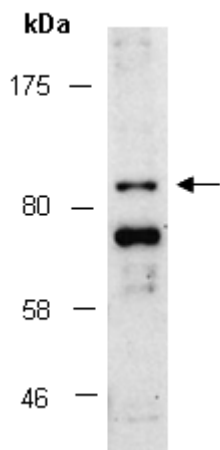


Fig 1. Western blot of total cell extracts from mouse MEF, using Ab (R1679-3) at RT for 2 h.