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(818)-707-0392 (Fax)
order@abiocode.com
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SP7 (M) Antibody, Rabbit Polyclonal

Cat#: R0836-2

Quantity: 100 ul

Predicted | Observed M.W.: 45 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q8TDD2

Background:

Transcription factor SP7 is also known as Osterix, which is a member of the Sp subfamily of Sp/XKLF transcription factors. Sp family proteins are sequence-specific DNA-binding proteins characterized by an amino-terminal trans-activation domain and three carboxy-terminal zinc finger motifs. SP7 is a bone specific transcription factor and is required for osteoblast differentiation and bone formation.

Other Names:

Osterix, Zinc finger protein osterix, Transcription factor Sp7

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human SP7. 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

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:

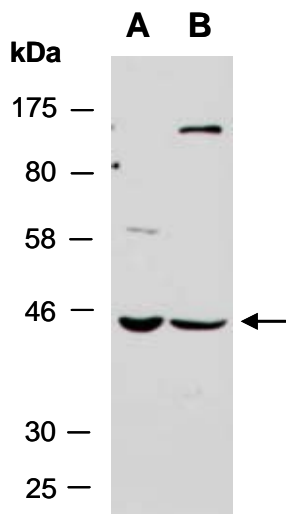


Fig 1. Western blot of total cell extracts from A) human HeLa, B) human Jurkat; using anti-SP7 (M) (R0836-2) at RT for 2 h.