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(818)-707-0392 (Fax)
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POU4F1 (N) Antibody, Rabbit Polyclonal

Cat#: R1383-1

Quantity: 100 ul

Predicted | Observed M.W.: 43 | 48 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q01851

Background:

POU domain, class 4, transcription factor 1 (POU4F1) belongs to the POU transcription factor family and the Class-4 subfamily. POU4F1 is a probable transcription factor which may play a role in the regulation of specific gene expression within a subset of neuronal lineages. Additionally, POU4F1 may play a role in determining or maintaining the identities of a small subset of visual system neurons.

Other Names:

POU domain, class 4, transcription factor 1, Brain-specific homeobox/POU domain protein 3A, Brain-3A, Brn-3A, Homeobox/POU domain protein RDC-1, Oct-T1, BRN3A, RDC1

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human POU4F1. 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:

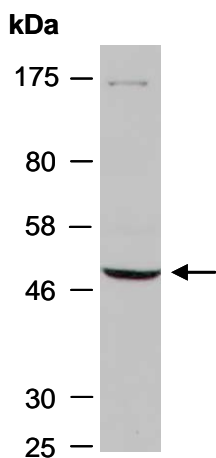


Fig 1. Western blot of total cell extracts from mouse brain, using anti-POU4F1 (N) (R1383-1) at RT for 2 h.