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NPAS3 (C) Antibody, Rabbit Polyclonal

Cat#: R1890-2

Quantity: 100 ul

Predicted | Observed M.W.: 101 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q8IXF0

Background:

Neuronal PAS domain-containing protein 3 (NPAS3) is a member of the basic helix-loop-helix and PAS domain-containing family of transcription factors. NPAS3 is localized to the nucleus and may regulate genes involved in neurogenesis. Chromosomal abnormalities that affect the coding potential of this gene are associated with schizophrenia and mental retardation. Alternate splicing results in multiple transcript variants of NPAS3 [provided by RefSeq].

Other Names:

Neuronal PAS domain-containing protein 3, Neuronal PAS3, Basic-helix-loop-helix-PAS protein MOP6, Class E basic helix-loop-helix protein 12, bHLHe12, Member of PAS protein 6, PAS domain-containing protein 6, BHLHE12, MOP6, PASD6

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human NPAS3. 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:

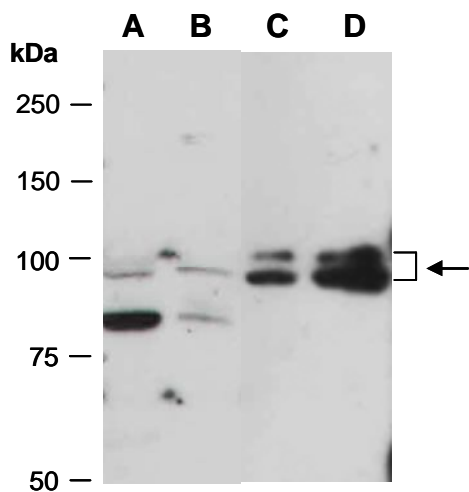


Fig 1. Western blot of total cell extracts from (A) mouse brain, (B) mouse thymus, (C) human HeLa, (D) human Jurkat; using anti-NPAS3 (C) (R1890-2) at RT for 2 h.