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ARNTL (N) Antibody, Rabbit Polyclonal

Cat#: R1480-1

Quantity: 100 ul

Predicted | Observed M.W.: 69 | 80 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: O00327

Background:

Aryl hydrocarbon receptor nuclear translocator-like protein 1 (ARNTL) is a basic helix-loop-helix protein that forms a heterodimer with CLOCK. The ARNTL-CLOCK heterodimers activate E-box element (5'-CACGTG-3') transcription of a number of proteins of the circadian clock. This transcription is inhibited in a feedback loop by PER, and also by CRY proteins.

Other Names:

Aryl hydrocarbon receptor nuclear translocator-like protein 1, Basic-helix-loop-helix-PAS protein MOP3, Brain and muscle ARNT-like 1, Class E basic helix-loop-helix protein 5, bHLHe5, Member of PAS protein 3, PAS domain-containing protein 3, bHLH-PAS protein JAP3, BHLHE5, BMAL1, MOP3, PASD3

Source and Purity:

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

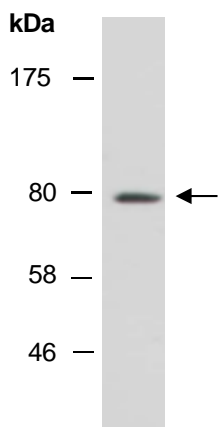


Fig 1. Western blot of total cell extracts from human HeLa, using anti-ARNTL (N) (R1480-1) at RT for 2 h.