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UBE2M (C) Antibody, Rabbit Polyclonal

Cat#: R1018-2

Quantity: 100 ul

Predicted | Observed M.W.: 21 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P61081

Background:

NEDD8-conjugating enzyme Ubc12 (UBE2M) belongs to the ubiquitin-conjugating enzyme family and the UBC12 subfamily. UBE2M accepts the ubiquitin-like protein NEDD8 from the UBA3-NAE1 E1 complex and catalyzes its covalent attachment to other proteins. The specific interaction with the E3 ubiquitin ligase RBX1, but not RBX2, suggests that the RBX1-UBE2M complex neddylates specific target proteins, such as CUL1, CUL2, CUL3 and CUL4. UBE2M is also involved in cell proliferation.

Other Names:

NEDD8-conjugating enzyme Ubc12, NEDD8 carrier protein, NEDD8 protein ligase, Ubiquitin-conjugating enzyme E2 M, UBC12

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human UBE2M. 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:

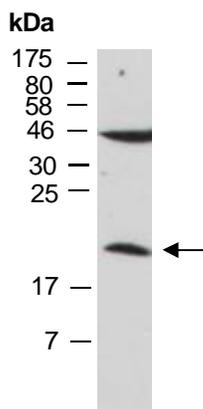


Fig 1. Western blot of total cell extracts from mouse brain; using anti-UBE2M (C) (R1018-2) at RT for 2 h.