Order: (888)-282-5810 (Phone)
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CUL7 (N) Antibody, Rabbit Polyclonal

Cat#: R0883-1

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted I Observed M.W.: 191 kDa

Uniprot ID: Q14999

Background:

CUL7 is a component of a probable SCF-like E3 ubiquitin-protein ligase complex, which mediates the ubiquitination and subsequent proteasomal degradation of target proteins. CUL7 probably plays a role in the degradation of proteins involved in endothelial proliferation and/or differentiation. In vitro, complexes of CUL7 with either CUL9 or FBXW8 or TP53 contain E3 ubiquitin-protein ligase activity. CUL7 is highly expressed in fetal kidney and adult skeletal muscle. Defects in CUL7 are the cause of 3M syndrome type 1.

Other Names:

KIAA0076, dJ20C7.5

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CUL7. 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% NaN_3. 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.

Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301

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Product Data:

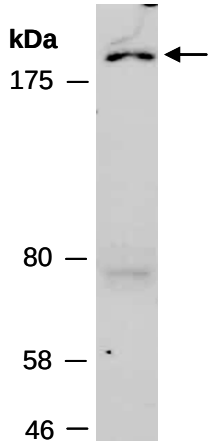

Fig 1. *Western blot of total cell extracts from human HeLa, using anti-CUL7 (N) (R0883-1) at RT for 2 h.*

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Last Update: 1/2013