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CBL (C) Antibody, Rabbit Polyclonal

Cat#: R0896-3

Quantity: 100 ul

Predicted | Observed MW: 100 | 120 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P22681

Background:

E3 ubiquitin-protein ligase CBL is an adapter protein that functions as a negative regulator of many signaling pathways that are triggered by activation of cell surface receptors. It acts as an E3 ubiquitin-protein ligase, which accepts ubiquitin from specific E2 ubiquitin-conjugating enzymes, and then transfers it to substrates promoting their degradation by the proteasome. CBL plays an important role in the regulation of osteoblast differentiation and apoptosis and is essential for osteoclastic bone resorption. Defects in CBL are the cause of Noonan syndrome-like disorder with or without juvenile myelomonocytic leukemia (NSLL).

Other Names:

E3 ubiquitin-protein ligase CBL, Casitas B-lineage lymphoma proto-oncogene, Proto-oncogene c-Cbl, RING finger protein 55, Signal transduction protein CBL, CBL2, RNF55

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human CBL. 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: 1:1000-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

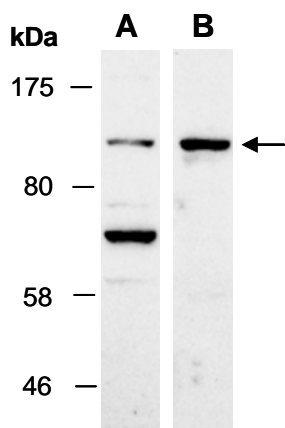


Fig 1. Western blot of total cell extracts from human MCF7, using 2 independent Abs against 2 distinct regions of human CBL [A: R0896-2, CBL (M); B: R0896-3, CBL (C)] at RT for 2 h.