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CALB1 (N) Antibody, Rabbit Polyclonal

Cat#: R1451-1

Quantity: 100 ul

Predicted | Observed M.W.: 30 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P05937

Background:

Calbindin (CALB1) is a calcium-binding protein belonging to the troponin C superfamily. It was originally described as a 27-kD protein induced by vitamin D in the duodenum of the chick. In the brain, its synthesis is independent of vitamin-D-derived hormones. CALB1 contains 4 active calcium-binding domains, and 2 modified domains that presumably have lost their calcium-binding capacity. The neurons in brains of patients with Huntington disease are CALB1-depleted.

Other Names:

CALB, Calbindin D28, D-28K, Vitamin D-dependent calcium-binding protein, avian-type, Calbindin

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the N-terminal region of human CALB1. 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:

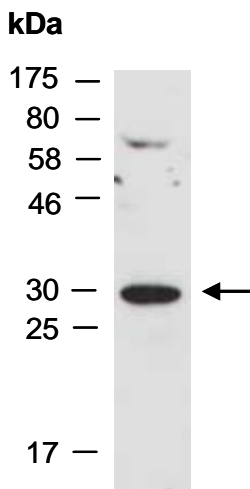


Fig 1. Western blot of total cell extracts from mouse brain; using anti-CALB1 (N) (R1451-1) at RT for 2 h.