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NUMB (C) Antibody, Rabbit Polyclonal

Cat#: R0737-3

Quantity: 100 ul

Predicted M.W.: 71 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P49757

Background:

NUMB is a membrane-bound protein that has been shown to associate with EPS15, LNX1, and NOTCH1. NUMB is required throughout embryonic neurogenesis to maintain neural progenitor cells, also called radial glial cells (RGCs), by allowing their daughter cells to choose progenitor over neuronal cell fate. NUMB is not required for the proliferation of neural progenitor cells before the onset of neurogenesis. NUMB is also involved postnatally in the subventricular zone (SVZ) neurogenesis by regulating SVZ neuroblasts survival and ependymal wall integrity. In addition, NUMB may mediate local repair of brain ventricular wall damage.

Other Names:

Protein numb homolog, h-Numb, Protein S171

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human NUMB. 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: 1:1,000-1:5,000 (detect endogenous protein*)

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

Product Data:

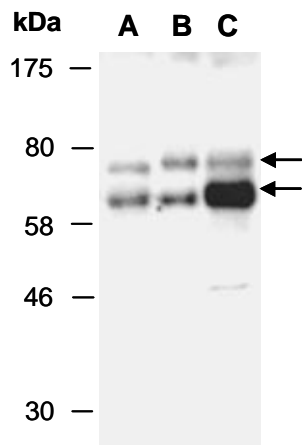


Fig 1. Western blot of total cell extracts from (A) human Jurkat; (B) mouse thymus; (C) mouse brain; using anti-NUMB (C) (R0737-3) at RT for 2 h.