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FNBP1 (N) Antibody, Rabbit Polyclonal

Cat#: R2394-1

Quantity: 100 ul

Predicted | Observed M.W.: 71 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q96RU3

Background:

Formin-binding protein 1 (FNBP1) may act as a link between RND2 signaling and regulation of the actin cytoskeleton. FNBP1 is required to coordinate membrane tubulation with reorganization of the actin cytoskeleton during the late stage of clathrin-mediated endocytosis. It binds to lipids such as phosphatidylinositol 4,5-bisphosphate and phosphatidylserine and promotes membrane invagination and the formation of tubules. The translocation t(9;11)(q34;q23) with KMT2A/MLL1 involves FNBP1 and is found in acute leukemias.

Other Names:

Formin-binding protein 1, Formin-binding protein 17, hFBP17, FBP17, KIAA0554

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of human FNBP1. 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: 1:500-1:2,000 (detect endogenous protein*)

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

Product Data:

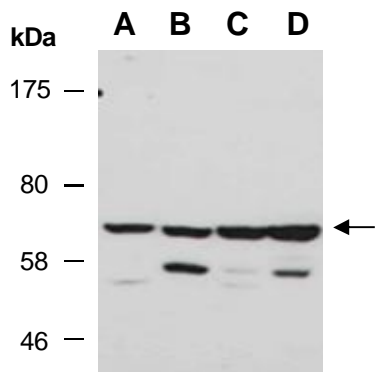


Fig 1. Western blot of total cell extracts from A) mouse brain; B) mouse thymus; C) human HeLa; D) human Jurkat, using anti-FNBP1 (N) (R2394-1) at RT for 2 h.