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UNC5B (M) Antibody, Rabbit Polyclonal

Cat#: R2351-1

Quantity: 100 ul

Predicted | Observed M.W.: 104 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q8IZJ1

Background:

Protein unc-5 homolog B (UNC5B) is a single-pass type I membrane protein associated with lipid raft. UNC5B is a receptor for netrin required for axon guidance. UNC5B mediates axon repulsion of neuronal growth cones in the developing nervous system upon ligand binding, which may be triggered by its association with DCC. UNC5B is also required for apoptosis induction by activating DAPK1 when not associated with the netrin ligand. UNC5B has been shown to be down-regulated in multiple cancers including colorectal, breast, ovary, uterus, stomach, lung, or kidney cancers.

Other Names:

Netrin receptor UNC5B, Protein unc-5 homolog 2, Protein unc-5 homolog B, p53-regulated receptor for death and life protein 1, P53RDL1, UNC5H2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human UNC5B. 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:

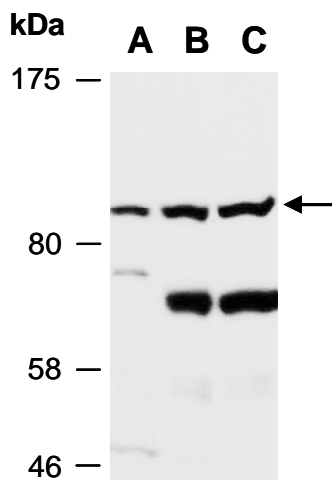


Fig 1. Western blot of total cell extracts from (A) mouse thymus, (B) human HeLa, (C) human Jurkat; using anti-UNC5B (M) (R2351-1) at RT for 2 h.