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(818)-707-0392 (Fax)
order@abiocode.com
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EFNB2 (C) Antibody, Rabbit Polyclonal

Cat#: R1653-2

Quantity: 100 ul

Predicted | Observed M.W.: 37 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P52799

Background:

Ephrin-B2 (EFNB2) is a single-pass type I membrane protein belonging to the ephrin family. EFNB2 is a cell surface transmembrane ligand for Eph receptors, a family of receptor tyrosine kinases which are crucial for migration, repulsion and adhesion during neuronal, vascular and epithelial development. EFNB2 binds promiscuously Eph receptors residing on adjacent cells, leading to contact-dependent bidirectional signaling into neighboring cells.

Other Names:

Ephrin-B2 EPH-related receptor tyrosine kinase ligand 5, LERK-5, HTK ligand, HTK-L, EPLG5, HTKL, LERK5

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human EFNB2. 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:

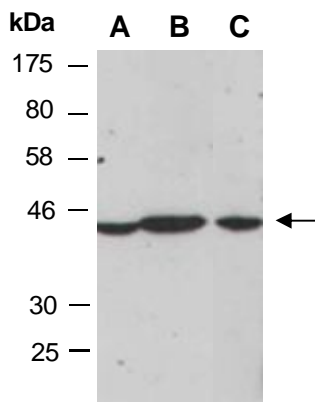


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus, C) human Jurkat; using anti-EFNB2 (C) (R1653-2) at RT for 2 h.