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LRP8 (C1) Antibody, Rabbit Polyclonal

Cat#: R2159-1

Quantity: 100 ul

Predicted | Observed M.W.: 106 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q14114

Background:

LRP8 is cell surface protein that plays roles in both signal transduction and receptor-mediated endocytosis of specific ligands for lysosomal degradation. LRP8 plays a critical role in the migration of neurons during development by mediating Reelin signaling, and also functions as a receptor for the cholesterol transport protein apolipoprotein E. Expression of LRP8 may be a marker for major depressive disorder. Defects in LRP8 are a cause of myocardial infarction type 1.

Other Names:

Low-density lipoprotein receptor-related protein 8, LRP-8, Apolipoprotein E receptor 2, APOER2

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing C-terminal region of human LRP8. 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

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:

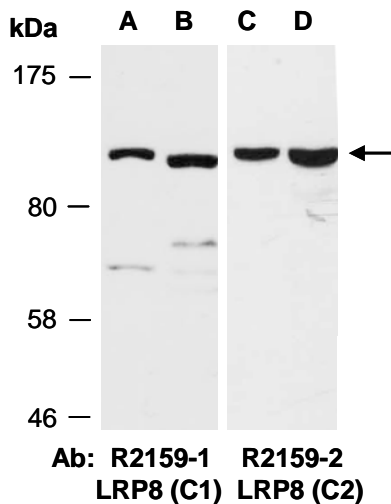


Fig 1. Western blot of total cell extracts from (A, C) human HeLa, (B, D) human Jurkat; using 2 independent Abs against 2 distinct regions of LRP8 at RT for 2 h.