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QPCT (M) Antibody, Rabbit Polyclonal

Cat#: R1069-1

Quantity: 100 ul

Predicted | Observed M.W.: 38 | 45 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: Q16769

Background:

Glutaminyl-peptide cyclotransferase (QPCT) belongs to the glutaminyl-peptide cyclotransferase family. QPCT is responsible for the biosynthesis of pyroglutamyl peptides. QPCT has a bias against acidic and tryptophan residues adjacent to the N-terminal glutaminyl residue and a lack of importance of chain length after the second residue. QPCT also catalyzes N-terminal pyroglutamate formation.

Other Names:

Glutaminyl-peptide cyclotransferase, Glutaminyl cyclase, QC, Sqc, Glutaminyl-tRNA cyclotransferase, Glutamyl cyclase, EC

Source and Purity:

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

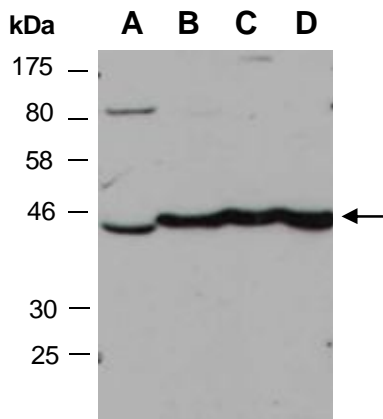


Fig 1. Western blot of total cell extracts from A) mouse brain, B) mouse thymus, C) human HeLa, D) human Jurkat; using anti-QPCT (M) (R1069-1) at RT for 2 h.