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14-3-3 gamma (C) Antibody, Rabbit Polyclonal

Cat#: R1537-2

Quantity: 100 ul

Predicted | Observed M.W.: 28 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P61981

Background:

14-3-3 proteins are a group of highly conserved adapter proteins that are involved in a large spectrum of both general and specialized signaling pathways, such as metabolism, protein trafficking, signal transduction, apoptosis and cell cycle regulation. 14-3-3 proteins are phospho-serine/phospho-threonine binding proteins that have a diverse array of partners, including transcription factors, biosynthetic enzymes, cytoskeletal proteins, signalling molecules, apoptosis factors and tumour suppressors. The 14-3-3 family consists of 7 isoforms; beta, gamma, epsilon, sigma, zeta, tau and eta. 14-3-3 proteins are ubiquitously expressed and self assemble into homo- and heterodimers, with the exception of 14-3-3 sigma, which exclusively forms homodimers and is found in cells of epithelial origin only. 14-3-3 protein binding generally results in the modulation of the activity of the binding partner. Dysregulated 14-3-3 proteins are found in disease states, such as cancer.

Other Names:

Protein kinase C inhibitor protein 1, KCIP-1, YWHAG

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human 14-3-3 gamma. 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:

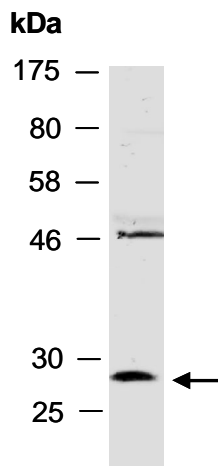


Fig 1. Western blot of total cell extracts from mouse brain; using anti-14-3-3 gamma (C) (R1537-2) at RT for 2 h.