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GADD45A (M) Antibody, Rabbit Polyclonal

Cat#: R0766-2

Quantity: 100 ul

Predicted | Observed M.W.: 18 | 22 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P24522

Background:

Growth arrest and DNA damage-inducible protein GADD45 alpha (GADD45A) belongs to the GADD45 family. In T-cells, GADD45A functions as a regulator of p38 MAPKs by inhibiting p38 phosphorylation and activity. Additionally, GADD45A might affect PCNA interaction with some CDK (cell division protein kinase) complexes; stimulates DNA excision repair in vitro and inhibits entry of cells into S phase.

Other Names:

Growth arrest and DNA damage-inducible protein GADD45 alpha, DNA damage-inducible transcript 1 protein, DDIT-1, DDIT1, GADD45

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human GADD45A. 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:

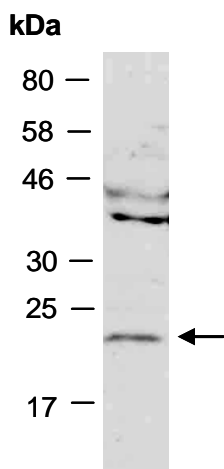


Fig 1. Western blot of total cell extracts from mouse brain; using anti-GADD45A (M) (R0766-2) at RT for 2 h.