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GSN (C) Antibody, Rabbit Polyclonal

Cat#: R0938-2

Quantity: 100 ul

Predicted | Observed MW: 86 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P06396

Background:

Gelsolin (GSN) is a Calcium-regulated, actin-modulating protein that binds to the plus (or barbed) ends of actin monomers or filaments, preventing monomer exchange (end-blocking or capping). It can promote the assembly of monomers into filaments (nucleation) as well as sever filaments already formed. GSN plays a role in ciliogenesis. Defects in GSN are the cause of amyloidosis type 5 (AMYL5).

Other Names:

Gelsolin, AGEL, Actin-depolymerizing factor, ADF, Brevin

Source and Purity:

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

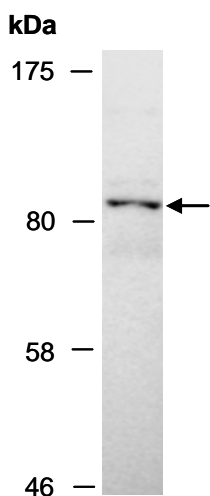


Fig 1. Western blot of total cell extracts from mouse brain; using anti-GSN (C) (R0938-2) at RT for 2 h.