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HSP90AB1 (C) Antibody, Rabbit Polyclonal

Cat#: R2546-2

Quantity: 100 ul

Predicted | Observed M.W.: 83 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P08238

Background:

Heat shock protein HSP 90-beta (HSP90AB1) belongs to the heat shock protein 90 family. HSP90AB1 is a molecular chaperone that promotes the maturation, structural maintenance and proper regulation of specific target proteins involved for instance in cell cycle control and signal transduction. HSP90AB1 undergoes a functional cycle that is linked to its ATPase activity. This cycle probably induces conformational changes in the client proteins, thereby causing their activation. Furthermore, HSP90AB1 interacts dynamically with various co-chaperones that modulate its substrate recognition, ATPase cycle and chaperone function.

Other Names:

Heat shock protein HSP 90-beta, HSP 90, Heat shock 84 kDa, HSP 84, HSP84, HSP90B, HSPC2, HSPCB

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human HSP90AB1. 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:

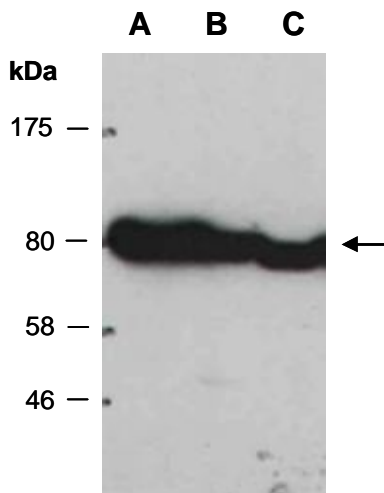


Fig 1. Western blot of total cell extracts from (A) mouse brain, (B) mouse thymus, (C) human HeLa; using anti- HSP90AB1 (C) (R2546-2) at RT for 2 h.