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HMGR (C) Antibody, Rabbit Polyclonal

Cat#: R3077-2

Quantity: 100 ul

Predicted | Observed M.W.: 97 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P04035

Background:

3-hydroxy-3-methylglutaryl-coenzyme A reductase (HMGR) is a multi-pass membrane protein belonging to the HMG-CoA reductase family. HMGR is a transmembrane glycoprotein that is the rate-limiting enzyme in cholesterol biosynthesis as well as in the biosynthesis of nonsterol isoprenoids that are essential for normal cell function including ubiquinone and geranylgeranyl proteins.

Other Names:

3-hydroxy-3-methylglutaryl-coenzyme A reductase, HMG-CoA reductase

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the C-terminal region of human HMGR. 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: 1:500-1:3,000 (detect endogenous protein*)

*: The apparent protein size on WB may be different from the calculated M.W. due to modifications.

Product Data:

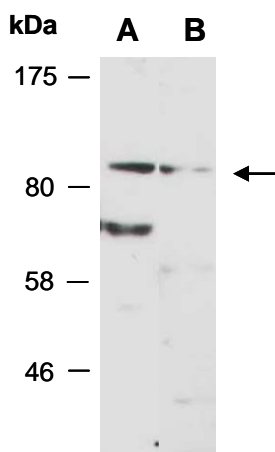


Fig 1. Western blot of total cell extracts from A) mouse thymus, B) human Jurkat; using anti-HMGCR (C) (R3077-2) at RT for 2 h.