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CD40LG (M) Antibody, Rabbit Polyclonal

Cat#: R0843-2

Quantity: 100 ul

Predicted | Observed MW: 29 kDa

Lot#: Refer to vial

Application: WB

Uniprot ID: P29965

Background:

CD40 ligand (CD40LG) is a single-pass type II membrane protein belonging to the tumor necrosis factor family. CD40LG mediates B-cell proliferation in the absence of co-stimulus as well as IgE production in the presence of IL-4. CD40LG is involved in immunoglobulin class switching. Release of soluble CD40L from platelets is partially regulated by GP IIb/IIIa, actin polymerization, and an matrix metalloproteinases (MMP) inhibitor-sensitive pathway.

Other Names:

CD40 ligand, CD40-L, T-cell antigen Gp39, TNF-related activation protein, TRAP, CD154, Tumor necrosis factor ligand superfamily member 5, CD40L, TNFSF5

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human CD40LG. 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:

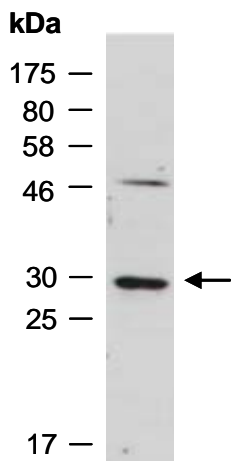


Fig 1. Western blot of total cell extracts from mouse brain; using anti-CD40LG (M) (R0843-2) at RT for 2 h.