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TNFRSF11B (M) Antibody, Rabbit Polyclonal

Cat#: R0821-2

Lot#: Refer to vial

Quantity: 100 ul

Application: WB

Predicted | Observed MW: 46 | 52, 65 kDa

Uniprot ID: O00300

Background:

Tumor necrosis factor receptor superfamily member 11B (TNFRSF11B) acts as decoy receptor for RANKL and thereby neutralizes its function in osteoclastogenesis. TNFRSF11B inhibits the activation of osteoclasts and promotes osteoclast apoptosis in vitro. Bone homeostasis seems to depend on the local RANKL/OPG ratio. TNFRSF11B may also play a role in preventing arterial calcification and may act as decoy receptor for TRAIL and protect against apoptosis. TRAIL binding blocks the inhibition of osteoclastogenesis.

Other Names:

Tumor necrosis factor receptor superfamily member 11B, Osteoclastogenesis inhibitory factor, Osteoprotegerin, OCIF, OPG

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing the middle region of human TNFRSF11B. 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% NaN$_3$. 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.

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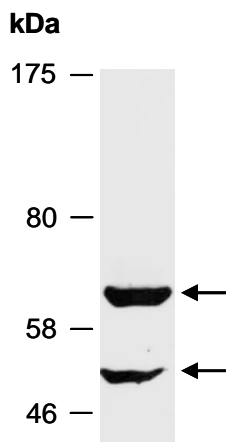Web: www.Abiocode.com

Product Data:

kDa

Fig 1. Western blot of total cell extracts from mouse brain; using anti-TNFRSF11B (M) (R0821-2) at RT for 2 h.

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