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RHBDF2 (N1) Antibody, Rabbit Polyclonal

Cat#: R3142-1 **Lot#: Refer to vial**

Quantity: 100 ul **Application: WB, IP**

Predicted I Observed M.W.: 97 I 90-100 kDa **Uniprot ID: Q6PJF5**

Background:

RHBDF2 is a multi-pass membrane protein located in endoplasmic reticulum. RHBDF2 is a rhomboid protease-like protein which has no protease activity but regulates the secretion of several ligands of the epidermal growth factor receptor. RHBDF2 indirectly activates the epidermal growth factor receptor signaling pathway and may thereby regulate sleep, cell survival, proliferation and migration.

Other Names:

Inactive rhomboid protein 2, iRhom2, Rhomboid 5 homolog 2, Rhomboid family member 2, Rhomboid veinlet-like protein 5, Rhomboid veinlet-like protein 6, IRHOM2, RHBDL5, RHBDL6

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing N-terminal region of human RHBDF2. 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*)
IP: 1:100-1:200

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

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Product Data:

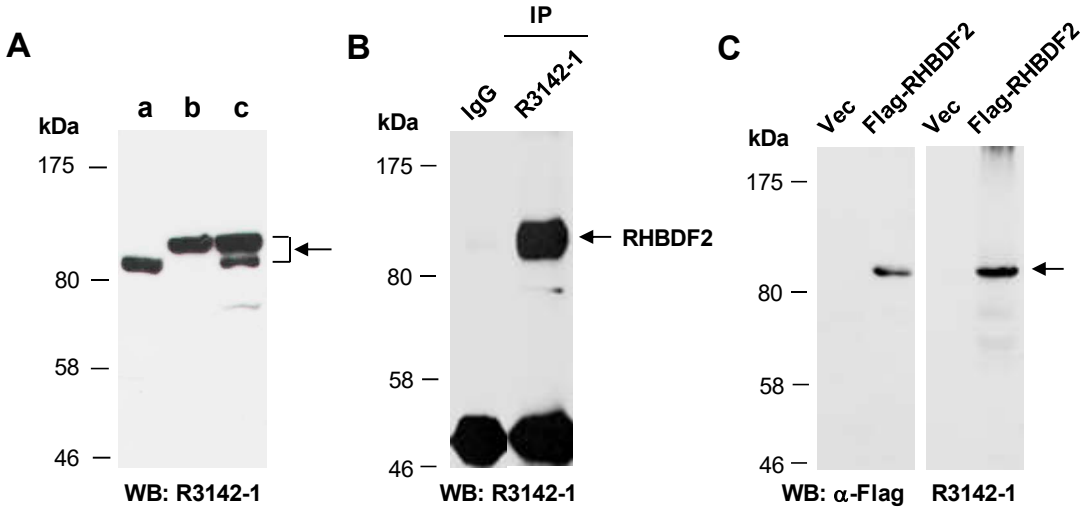

Fig 1. A) *Western blot of total cell extracts from a. mouse thymus, b. human HeLa, c. human Jurkat; using anti-RHBDF2 (N1) (R3142-1) at RT for 2 h.* ***B)*** *Total extracts from human Jurkat were immunoprecipitated with IgG or anti-RHBDF2 (N1) (R3142-1); followed by WB with the same Ab.* ***C)*** *Western blot of protein extracts from human 293T cells transfected with a vector control (Vec) or Flag-RHBDF2, using indicated Abs at RT for 2 h.*

Reference cited for this product:

1. Tang J, Frey JM, Wilson CL, Moncada-Pazos A, Levet C, Freeman M, Rosenfeld ME, Stanley ER, Raines EW, Bornfeldt KE. (2018). Neutrophil and Macrophage Cell Surface Colony-Stimulating Factor 1 Shed by ADAM17 Drives Mouse Macrophage Proliferation in Acute and Chronic Inflammation. Mol. Cell. Biol. 38:1-19.