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PRF1 (vPair™) Antibodies

Cat#: R2618-vp

Lot#: Refer to vial

Predicted | Observed M.W.: 61 kDa

Uniprot ID: P14222

Application: WB

Quantity: 50 ul PRF1 (N) (R2618-1) Rabbit Polyclonal Antibody &
50 ul PRF1 (C) (R2618-2) Rabbit Polyclonal Antibody

Product Introduction:

vPair™ antibodies represent a pair of fully characterized antibodies that recognize two different regions of a target protein. The product is developed by Abiocode to address whether the signal observed truly represents the protein of interest, an often encountered issue in antibody-based assays. The use of a pair of fully characterized vPair™ antibodies in the same assay can validate signal specificity since vPair™ antibodies recognize two independent epitopes of the same protein. Different sets of vPair™ antibodies are developed at Abiocode to work with specific applications, including antibody arrays, Western blot, IP-Western, ChIP, IHC, and FACS.

Background:

PRF1 plays a key role in secretory granule-dependent cell death, and in defense against virus-infected or neoplastic cells. PRF1 plays an important role in killing other cells that are recognized as non-self by the immune system, e.g. in transplant rejection or some forms of autoimmune disease. PRF1 can insert into the membrane of target cells in its calcium-bound form, oligomerize and form large pores. PRF1 promotes cytolysis and apoptosis of target cells by facilitating the uptake of cytotoxic granzymes.

Other Names:

Perforin-1, P1, Cytolysin Lymphocyte pore-forming protein, PFP

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing either the N-terminal [PRF1 (N) (R2618-1)] or the C-terminal [PRF1 (C) (R2618-2)] region of human PRF1. 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.

**For research use only. Not for therapeutic or diagnostic purposes.
Abiocode, Inc., 29397 Agoura Rd., Ste 106, Agoura Hills, CA 91301**

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:

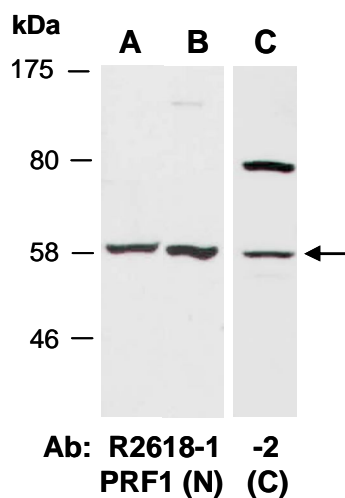


Fig 1. Western blot of total cell extracts from A) mouse thymus, B, C) human Jurkat; using 2 independent Abs against 2 distinct regions of human PRF1 at RT for 2 h.