Order: (888)-282-5810 (Phone)
(818)-707-0392 (Fax)
order@abiocode.com
Web: www.Abiocode.com

RORC (vPair™) Antibodies

Cat#: R2148-vp **Lot#: Refer to vial**

Predicted I Observed M.W.: 58 kDa **Uniprot ID: P51449**

Application: WB

Quantity: 50 ul RORC (N) (R2148-1) Rabbit Polyclonal Antibody &
50 ul RORC (C) (R2148-2) 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:

Nuclear receptor ROR-gamma (RORC) belongs to the nuclear hormone receptor family and the NR1 subfamily. RORC is a possible nuclear receptor for hydroxycholesterols, the binding of which strongly promotes coactivators recruitment. RORC is essential for thymopoiesis and the development of several secondary lymphoid tissues, including lymph nodes. Additionally, RORC is involved in lineage specification of uncommitted $CD4^+$ T-helper cells into Th17 cells, and it regulates the expression of several components of the circadian clock.

Other Names:

Nuclear receptor ROR-gamma, Nuclear receptor RZR-gamma, Nuclear receptor subfamily 1 group F member 3, Retinoid-related orphan receptor-gamma, NR1F3, RORG, RZRG

Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with GST-fusion proteins containing either the N-terminal [RORC (N) (R2148-1)] or the C-terminal [RORC (C) (R2148-2)] region of human RORC. Antibodies were purified by affinity purification using immunogen.

Species Specificity:

Human, Mouse

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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.

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:

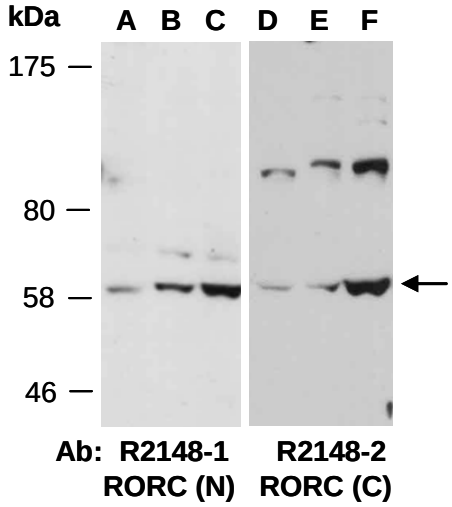

Fig 1. *Western blot of total cell extracts from (A,D) mouse thymus, (B,E) human HeLa and (C,F) human Jurkat, using 2 independent Abs against 2 distinct regions of human RORC at RT for 2 h.*

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