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## WNT4 (vPair™) Antibodies

**Cat#:** R0121-vp

**Lot#:** Refer to vial

**Predicted M.W.:** 39 kDa

**Uniprot ID:** P56705

**Application:** ELISA

**Quantity:** 50 ug WNT4 (N) (R0121-1) Rabbit Polyclonal Antibody &  
50 ug WNT4 (C) (R0121-2) 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:

Wingless-type MMTV integration site family, member 4 (WNT4) belongs to the WNT family of secreted signaling proteins. The members of this family have been implicated in oncogenesis, along with several developmental processes, including regulation of cell fate and patterning during embryogenesis. WNT4 is the first signaling molecule shown to influence the sex-determination cascade. It plays a crucial role in both the control of female development and the prevention of testes formation.

### Other Names:

Protein Wnt-4, Wnt-4, RP23-246F18.1, MGC123964

### Source and Purity:

Rabbit polyclonal antibodies were produced by immunizing animals with a GST-fusion protein containing either the N-terminal [WNT4 (N) (R0121-1)] or the C-terminal region [WNT4 (C) (R0121-2)] of human WNT4. Antibodies were purified by affinity purification using immunogens.

### Storage Buffer and Condition:

Supplied in 1 x PBS (pH 7.4), 100 ug/ml BSA, 40% Glycerol, 0.01% NaN<sub>3</sub>. Store at -20 °C. Stable for 6 months from date of receipt.

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



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**Species Specificity:**

Human

**Tested Applications:**

ELISA: 1:1,000 – 1:10,000 (detect native recombinant human WNT4 protein in a direct ELISA assay)  
Suitable for using as ELISA capture or detection antibodies.

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Last Update: 03/2011

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