

**AVPR1B Antibody (C-term) Blocking peptide**  
**Synthetic peptide**  
**Catalog # BP14050b****Specification**

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**AVPR1B Antibody (C-term) Blocking peptide - Product Information**Primary Accession [P47901](#)**AVPR1B Antibody (C-term) Blocking peptide - Additional Information****Gene ID** 553**Other Names**

Vasopressin V1b receptor, V1bR, AVPR V1b, AVPR V3, Antidiuretic hormone receptor 1b, Vasopressin V3 receptor, AVPR1B, AVPR3, VPR3

**Target/Specificity**

The synthetic peptide sequence used to generate the antibody AP14050b was selected from the C-term region of AVPR1B. A 10 to 100 fold molar excess to antibody is recommended. Precise conditions should be optimized for a particular assay.

**Format**

Peptides are lyophilized in a solid powder format. Peptides can be reconstituted in solution using the appropriate buffer as needed.

**Storage**

Maintain refrigerated at 2-8°C for up to 6 months. For long term storage store at -20°C.

**Precautions**

This product is for research use only. Not for use in diagnostic or therapeutic procedures.

**AVPR1B Antibody (C-term) Blocking peptide - Protein Information****Name** AVPR1B ([HGNC:896](#))**Synonyms** AVPR3, VPR3**Function**

Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl- inositol-calcium second messenger system.

**Cellular Location**

Cell membrane; Multi-pass membrane protein

**AVPR1B Antibody (C-term) Blocking peptide - Protocols**

Provided below are standard protocols that you may find useful for product applications.

- [Blocking Peptides](#)

#### **AVPR1B Antibody (C-term) Blocking peptide - Images**

#### **AVPR1B Antibody (C-term) Blocking peptide - Background**

The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1A, V2R and OXTR receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor is primarily located in the anterior pituitary, where it stimulates ACTH release. It is expressed at high levels in ACTH-secreting pituitary adenomas as well as in bronchial carcinoids responsible for the ectopic ACTH syndrome. A spliced antisense transcript of this gene has been reported but its function is not known.

#### **AVPR1B Antibody (C-term) Blocking peptide - References**

van West, D., et al. Psychiatry Res 179(1):64-68(2010) Binder, E.B., et al. Arch. Gen. Psychiatry 67(4):369-379(2010) Bosker, F.J., et al. Mol. Psychiatry (2010) In press : van West, D., et al. Psychiatr. Genet. 19(2):102-103(2009) Tabakoff, B., et al. BMC Biol. 7, 70 (2009) :