

**AVPR1A Antibody (C-term)**  
**Affinity Purified Rabbit Polyclonal Antibody (Pab)**  
**Catalog # AP16568b**

**Specification**

---

**AVPR1A Antibody (C-term) - Product Information**

Application	WB,E
Primary Accession	<a href="#">P37288</a>
Other Accession	<a href="#">NP_000697.1</a>
Reactivity	Human
Host	Rabbit
Clonality	Polyclonal
Isotype	Rabbit IgG
Calculated MW	46800
Antigen Region	355-383

**AVPR1A Antibody (C-term) - Additional Information**

**Gene ID** 552

**Other Names**

Vasopressin V1a receptor, V1aR, AVPR V1a, Antidiuretic hormone receptor 1a, Vascular/hepatic-type arginine vasopressin receptor, AVPR1A, AVPR1

**Target/Specificity**

This AVPR1A antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 355-383 amino acids from the C-terminal region of human AVPR1A.

**Dilution**

WB~~1:1000

**Format**

Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification.

**Storage**

Maintain refrigerated at 2-8°C for up to 2 weeks. For long term storage store at -20°C in small aliquots to prevent freeze-thaw cycles.

**Precautions**

AVPR1A Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

**AVPR1A Antibody (C-term) - Protein Information**

**Name** AVPR1A

**Synonyms** AVPR1

**Function** Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl- inositol-calcium second messenger system. Has been involved in social behaviors, including affiliation and attachment.

#### **Cellular Location**

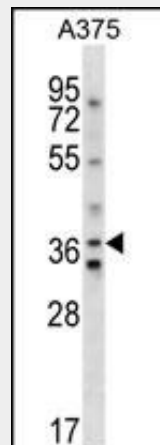
Cell membrane; Multi-pass membrane protein.

#### **AVPR1A Antibody (C-term) - Protocols**

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

- [Western Blot](#)
- [Blocking Peptides](#)
- [Dot Blot](#)
- [Immunohistochemistry](#)
- [Immunofluorescence](#)
- [Immunoprecipitation](#)
- [Flow Cytometry](#)
- [Cell Culture](#)

#### **AVPR1A Antibody (C-term) - Images**



AVPR1A Antibody (C-term) (Cat. #AP16568b) western blot analysis in A375 cell line lysates (35ug/lane). This demonstrates the AVPR1A antibody detected the AVPR1A protein (arrow).

#### **AVPR1A Antibody (C-term) - 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 AVPR1B, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor mediates cell contraction and proliferation, platelet aggregation, release of coagulation factor and glycogenolysis. [provided by RefSeq].

#### **AVPR1A Antibody (C-term) - References**

Bailey, S.D., et al. Diabetes Care 33(10):2250-2253(2010)  
Yang, S.Y., et al. Neurosci. Lett. 479(3):197-200(2010)

Pinheiro, A.P., et al. Am. J. Med. Genet. B Neuropsychiatr. Genet. 153B (5), 1070-1080 (2010) :  
Yang, S.Y., et al. Psychiatry Res 178(1):199-201(2010)  
Binder, E.B., et al. Arch. Gen. Psychiatry 67(4):369-379(2010)