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AVPR1A Antibody (C-term)

Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP16568b

Specification

AVPR1A Antibody (C-term) - Product Information

Application	**WB,E**
Primary Accession	P37288
Other Accession	NP_000697.1
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.

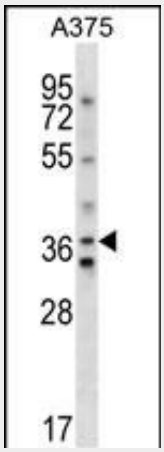
Cellular Location
Cell membrane; Multi-pass membrane protein.

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 Cytomety
- 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)
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