

AVPR1B Antibody (C-term)
Affinity Purified Rabbit Polyclonal Antibody (Pab)
Catalog # AP14050b

Specification

AVPR1B Antibody (C-term) - Product Information

| | |
|-------------------|-----------------------------|
| Application | WB,E |
| Primary Accession | P47901 |
| Other Accession | NP_000698.1 |
| Reactivity | Human |
| Host | Rabbit |
| Clonality | Polyclonal |
| Isotype | Rabbit IgG |
| Calculated MW | 46971 |
| Antigen Region | 289-317 |

AVPR1B Antibody (C-term) - 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

This AVPR1B antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 289-317 amino acids from the C-terminal region of human AVPR1B.

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

AVPR1B Antibody (C-term) is for research use only and not for use in diagnostic or therapeutic procedures.

AVPR1B Antibody (C-term) - 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

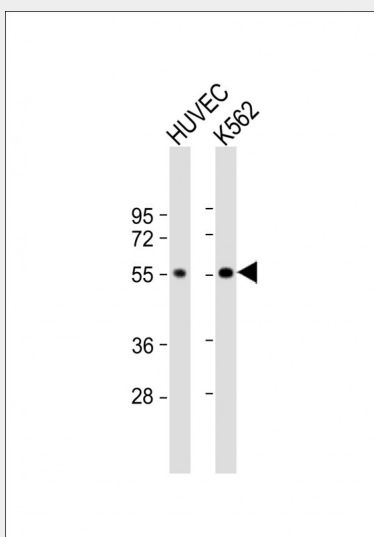
Cell membrane; Multi-pass membrane protein

AVPR1B Antibody (C-term) - 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](#)

AVPR1B Antibody (C-term) - Images



All lanes : Anti-AVPR1B Antibody (C-term) at 1:1000 dilution Lane 1: HUVEC whole cell lysate Lane 2: K562 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 47 kDa Blocking/Dilution buffer: 5% NFDM/TBST.

AVPR1B 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 AVPR1A, V2R and OXT 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) - 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) :