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## Summary

<b>Production Name</b>	AVPR1B Rabbit Polyclonal Antibody
<b>Description</b>	Primary antibody
<b>Host</b>	Rabbit
<b>Application</b>	IHC-P,ELISA
<b>Reactivity</b>	Human,Mouse,Rat

## Performance

<b>Conjugation</b>	Unconjugated
<b>Modification</b>	Unmodified
<b>Isotype</b>	IgG
<b>Clonality</b>	Polyclonal Antibody
<b>Form</b>	Liquid
<b>Storage</b>	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
<b>Buffer</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide, pH 7.3.
<b>Purification</b>	Affinity Purified

## Immunogen

<b>Gene Name</b>	AVPR1B
<b>Alternative Names</b>	AVPR1B; AVPR3; VPR3; Vasopressin V1b receptor; V1bR; AVPR V1b; AVPR V3; Antidiuretic hormone receptor 1b; Vasopressin V3 receptor
<b>Gene ID</b>	553
<b>SwissProt ID</b>	P47901

## Application

<b>Dilution Ratio</b>	IHC: 1/50-1/100 ELISA: 1/10000
<b>Molecular Weight</b>	-

## Background

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**Product Name: AVPR1B Rabbit Polyclonal Antibody**  
**Catalog #: APRab00797**

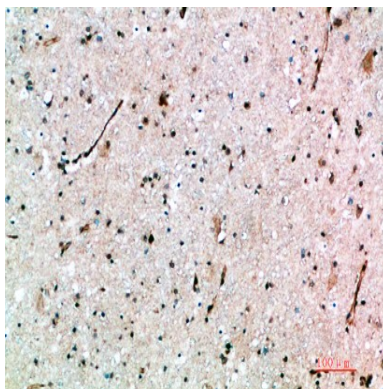


The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belongs to the subfamily of G-protein coupled receptors which includes AVPR1A, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. 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.

## Research Area

Neuroscience

## Image Data



Immunohistochemistry analysis of paraffin-embedded Human brain using AVPR1B antibody. High-pressure and temperature Sodium Citrate pH 6.0 was used for antigen retrieval.

## Note

For research use only.