

## AVP Receptor V3 Polyclonal Antibody

### Description

<b>Product type</b>	Primary Antibody
<b>Code</b>	BT-AP00774
<b>Host</b>	Rabbit
<b>Isotype</b>	IgG
<b>Size</b>	20ul, 50ul, 100ul
<b>Immunogen</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human AVPR1B. AA range:271-320
<b>Mol wt</b>	46971
<b>Species reactivity</b>	Human, Mouse, Rat
<b>Clonality</b>	Polyclonal
<b>Recommended application</b>	IHC-p, ELISA
<b>Concentration</b>	1 mg/ml
<b>Full name</b>	AVP Receptor V3 Antibody
<b>Synonyms</b>	Vasopressin V1b receptor (V1bR) (AVPR V1b) (AVPR V3) (Antidiuretic hormone receptor 1b) (Vasopressin V3 receptor)

**This product is for research use only, not for use in human, therapeutic or diagnostic procedure.**

### Background

The protein (arginine vasopressin receptor 1B) encoded by AVPR1B 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 AVPR1B has been reported but its function is not known.

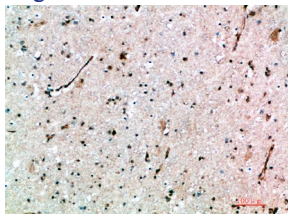
### Recommended Dilution

IHC-p: 1: 50 - 200

ELISA: 1: 10000 - 20000

Not yet tested in other applications.

### Images



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200

### Storage

-20°C for one year