

## 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.

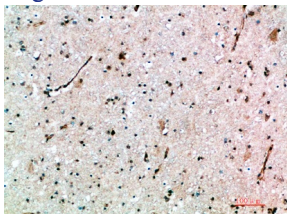
### Recommended Dilution

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