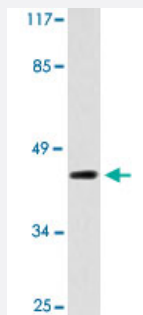


# AVPR1B polyclonal antibody

Catalog # PAB25088      Size 100 uL

## Applications



### Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with AVPR1B polyclonal antibody (Cat # PAB25088).

## Specification

<b>Product Description</b>	Rabbit polyclonal antibody raised against synthetic peptide of AVPR1B.
<b>Immunogen</b>	A synthetic peptide corresponding to AVPR1B.
<b>Host</b>	Rabbit
<b>Theoretical MW (kDa)</b>	47
<b>Reactivity</b>	Human
<b>Specificity</b>	AVPR1B polyclonal antibody detects endogenous levels of AVPR1B protein.
<b>Form</b>	Liquid
<b>Purification</b>	Affinity purification
<b>Concentration</b>	1 mg/mL
<b>Recommend Usage</b>	Western Blot (1:500-1:1000) The optimal working dilution should be determined by the end user.
<b>Storage Buffer</b>	In PBS, pH 7.2 (0.05% sodium azide)

**Storage Instruction**

Store at 4°C. For long term storage store at -20°C.  
Aliquot to avoid repeated freezing and thawing.

**Note**

This product contains sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

## Applications

- Western Blot (Cell lysate)

Western blot analysis of HepG2 cell lysate with AVPR1B polyclonal antibody (Cat # PAB25088).

- Immunofluorescence

## Gene Info — AVPR1B

**Entrez GeneID**[553](#)**Gene Name**

AVPR1B

**Gene Alias**

AVPR3

**Gene Description**

arginine vasopressin receptor 1B

**Omim ID**[600264](#)**Gene Ontology**[Hyperlink](#)**Gene Summary**

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. [provided by RefSeq]

**Other Designations**

OTTHUMP00000034344|antidiuretic hormone receptor 1B|arginine vasopressin receptor 3|pituitary vasopressin receptor 3|vasopressin V1B receptor

## Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)

- [Vascular smooth muscle contraction](#)

## Disease

- [Asperger Syndrome](#)
- [Attention Deficit Disorder with Hyperactivity](#)
- [Autistic Disorder](#)
- [Depressive Disorder](#)
- [Disease Models](#)
- [Genetic Predisposition to Disease](#)
- [Mental Disorders](#)
- [Mood Disorders](#)
- [Panic Disorder](#)
- [Psychiatric Status Rating Scales](#)
- [Social Perception](#)
- [Stress](#)