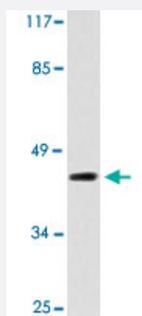


AVPR1B polyclonal antibody

Catalog # PAB25088

Size 100 uL

Applications



Western Blot (Cell lysate)

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

Specification

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