

AVPR1A polyclonal antibody

Catalog # PAB7521

Size 100 ug

Specification

Product Description	Goat polyclonal antibody raised against synthetic peptide of AVPR1A.
Immunogen	A synthetic peptide corresponding to human AVPR1A.
Sequence	CHPLKTLQQPARRSR
Host	Goat
Theoretical MW (kDa)	46.8
Reactivity	Human, Mouse, Rat
Form	Liquid
Purification	Antigen affinity purification
Concentration	0.5 mg/mL
Quality Control Testing	Antibody Reactive Against Synthetic Peptide.
Recommend Usage	ELISA (1:64000) The optimal working dilution should be determined by the end user.
Storage Buffer	In Tris saline, pH 7.3 (0.5% BSA, 0.02% sodium azide)
Storage Instruction	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

- Enzyme-linked Immunoabsorbent Assay

Gene Info — AVPR1A

Entrez GeneID [552](#)

Protein Accession# [NP_000697.1](#)

Gene Name AVPR1A

Gene Alias AVPR1

Gene Description arginine vasopressin receptor 1A

Omim ID [600821](#)

Gene Ontology [Hyperlink](#)

Gene Summary The protein encoded by this gene acts as receptor for arginine vasopressin. This receptor belong s to the subfamily of G-protein coupled receptors which includes AVPR1B, V2R and OXT recepto rs. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second me ssenger system. The receptor mediates cell contraction and proliferation, platelet aggregation, rel ease of coagulation factor and glycogenolysis. [provided by RefSeq

Other Designations SCCL vasopressin subtype 1a receptor|V1-vascular vasopressin receptor AVPR1A|V1a vasopre ssin receptor|antidiuretic hormone receptor 1A|vascular/hepatic-type arginine vasopressin recept or

Publication Reference

- [Association between the arginine vasopressin 1a receptor \(AVPR1a\) gene and autism in a family-based study: mediation by socialization skills.](#)

Yirmiya N, Rosenberg C, Levi S, Salomon S, Shulman C, Nemanov L, Dina C, Ebstein RP.

Journal of Molecular Psychiatry 2006 May; 11(5):488.

Pathway

- [Calcium signaling pathway](#)
- [Neuroactive ligand-receptor interaction](#)
- [Vascular smooth muscle contraction](#)

Disease

- [Anorexia Nervosa](#)
- [Antisocial Personality Disorder](#)
- [Aptitude](#)
- [Asperger Syndrome](#)
- [Autistic Disorder](#)
- [Bulimia](#)
- [Cardiovascular Diseases](#)
- [Child Development Disorders](#)
- [Creativeness](#)
- [Depressive Disorder](#)
- [Diabetes Mellitus](#)
- [Disease Models](#)
- [Edema](#)
- [Genetic Predisposition to Disease](#)
- [Habituation](#)
- [Hypertension](#)
- [Hypertriglyceridemia](#)
- [Mental Disorders](#)
- [Neuropsychological Tests](#)
- [Obesity](#)
- [Panic Disorder](#)
- [Psychiatric Status Rating Scales](#)
- [Reward](#)
- [Schizophrenia](#)

- [Social Perception](#)
- [Startle Reaction](#)