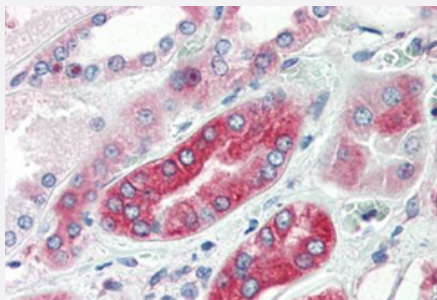


AVPR1A polyclonal antibody

Catalog # PAB25563

Size 50 ug

Applications



Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

Immunohistochemical staining of formalin-fixed, paraffin-embedded human kidney tissue after heat-induced antigen retrieval.
Using AVPR1A polyclonal antibody (Cat # PAB25563).

Specification

Product Description	Rabbit polyclonal antibody raised against synthetic peptide of AVPR1A.
Immunogen	A synthetic peptide corresponding to 18 amino acids at cytoplasmic domain of human AVPR1A.
Host	Rabbit
Reactivity	Human
Specificity	BLAST analysis of the peptide immunogen showed no homology with other human proteins.
Form	Liquid
Purification	Immunoaffinity chromatography
Recommend Usage	Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections) (2.5 ug/mL) The optimal working dilution should be determined by the end user.
Storage Buffer	In PBS (0.09% sodium azide)
Storage Instruction	Store at 4°C. For long term storage store at -80°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

- Immunohistochemistry (Formalin/PFA-fixed paraffin-embedded sections)

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Gene Info — AVPR1A

Entrez GeneID [552](#)

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 belongs to the subfamily of G-protein coupled receptors which includes AVPR1B, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor mediates cell contraction and proliferation, platelet aggregation, release of coagulation factor and glycogenolysis. [provided by RefSeq]

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

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](#)