

AVPR1A rabbit monoclonal antibody

Catalog # H00000552-K Size 100 ug x up to 3

Specification

Product Description	Rabbit monoclonal antibody raised against a human AVPR1A peptide using ARM Technology.
Immunogen	A synthetic peptide of human AVPR1A is used for rabbit immunization. Customer or Abnova will decide on the preferred peptide sequence.
Host	Rabbit
Library Construction	Non-fusion antibody library from rabbit spleen (ARM Technology).
Expression	Overexpression vector and transfection into 293H cell line.
Reactivity	Human
Purification	Protein A
Isotype	IgG
Quality Control Testing	Antibody reactive against human AVPR1A peptide by ELISA and mammalian transfected lysate by Western Blot.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.
Deliverable	Up to three rabbit IgG clones of 100 ug each will be delivered to customer.
Note	1. Customer may provide cell or tissue lysate for antibody screening. 2. Rabbit monoclonal antibody generated by ARM technology is amenable to antibody engineering including F(ab) ₂ , IgG, scFv and different Fc and non-Fc conjugates per customer request.

Applications

- Western Blot (Transfected lysate)

[Protocol Download](#)

- ELISA

Gene Info — AVPR1A

Entrez GeneID	552
GeneBank Accession#	AVPR1A
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](#)