

Rabbit AVPR1A Polyclonal Antibody | anti-AVPR1A antibody

Anti-AVPR1A antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA11596	Rabbit	Reacts with: Human, Rat Predicted to work with: Mouse	Western Blot

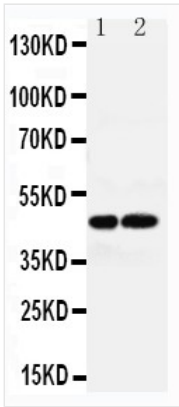
PRODUCT SYNONYMS

AVPR1A; Polyclonal Antibody; Anti-AVPR1A antibody; Vasopressin V1a receptor; arginine vasopressin receptor 1A; Antidiuretic hormone receptor 1a antibody; Arginine vasopressin receptor 1A antibody; AVPR 1 antibody; AVPR 1A antibody; AVPR V1a antibody; AVPR1 antibody; AVPR1A antibody; SCCL vasopressin subtype 1a receptor antibody; V1 vascular vasopressin receptor AVPR1A antibody; V1a vasopressin receptor antibody; V1aR antibody; V1AR_HUMAN antibody; Vascular/hepatic type arginine vasopressin receptor antibody; Vascular/hepatic-type arginine vasopressin receptor antibody; Vasopressin V1a receptor antibody; anti-AVPR1A antibody

PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Reacts with: Human, Rat Predicted to work with: Mouse
Clonality	Polyclonal
Isotype	IgG
Specificity	No cross reactivity with other proteins.
Purity/Purification	Immunogen affinity purified.
Form/Format	Lyophilized
Sequence Length	424
Applicable Applications for anti-AVPR1A antibody	WB (Western Blot)
Application Notes	Western Blot: Concentration: 0.1-0.5ug/ml Tested Species: Hu, Rat Predicted Species: Ms Tested Species: In-house tested species with positive results. Predicted Species: Species predicted to be fit for the product based on sequence similarities. Other applications have not been tested. Optimal dilutions should be determined by end users.
Immunogen	A synthetic peptide corresponding to a sequence in the middle region of rat AVPR1A (155-173aa HPLKTLQQPARRSRLMIAT), different from the related human and mouse sequences by one amino acid.
Contents	Each vial contains 5mg BSA, 0.9mg NaCl, 0.2mg Na2HPO4, 0.05mg Thimerosal, 0.05mg NaN3.
Reconstitution	Add 0.2ml of distilled water will yield a concentration of 500ug/ml.
Preparation and Storage	At -20 degree C for one year. After reconstitution, at 4 degree C for one month. It can also be aliquotted and stored frozen at -20 degree C for a longer time. Avoid repeated freezing and thawing.

IMAGES



WB (Western Blot)
Anti-AVPR1A antibody, AAA11596, All Western blottingAll lanes: Anti-AVPR1A(AAA11596) at 0.5ug/mlLane 1: Rat Liver Tissue Lysate at 40ugLane 2: Rat Kidney Tissue Lysate at 40ugPredicted bind size: 47KDObserved bind size: 47KD

ADDITIONAL INFORMATION

Related Product Information for anti-AVPR1A antibody	Description: Rabbit IgG polyclonal antibody for Vasopressin V1a receptor(AVPR1A) detection. Tested with WB in Human, Mouse, Rat. Background: Arginine vasopressin receptor 1A(officially called AVPR1A) is one of the three major receptor types for arginine vasopressin (AVPR1B and AVPR2 being the others). It belongs to the subfamily of G-protein coupled receptors which includes AVPR1B, V2R and OXT receptors. This gene is mapped to 12q14.2. AVPR1A is present throughout the brain, as well as in the periphery, in the liver, kidney, and vasculature. The protein encoded by this gene acts as receptor for arginine vasopressin. 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.
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NCBI AND UNIPROT INFORMATION

NCBI GI #	108935913
NCBI GeneID	25107
UniProt Accession #	P30560; Q5M8D1; Q62874; Q9QW18
NCBI Official Full Name	Vasopressin V1a receptor
NCBI Official Synonym Full Names	arginine vasopressin receptor 1A
NCBI Official Symbol	Avpr1a
NCBI Official Synonym Symbols	V1a; AVPR; V1aR
NCBI Protein Information	vasopressin V1a receptor; antidiuretic hormone receptor 1a; arginine vasopressin receptor V1a; vascular/hepatic-type arginine vasopressin receptor
UniProt Protein Name	Vasopressin V1a receptor
UniProt Gene Name	Avpr1a
UniProt Synonym Gene Names	V1aR
UniProt Entry Name	V1AR_RAT

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.