

Rabbit anti-Human AVPR1A Polyclonal Antibody | anti-AVPR1A antibody

AVPR1A Antibody

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA234758	Rabbit	Human	Immunofluorescence, Immunohistochemistry, ELISA

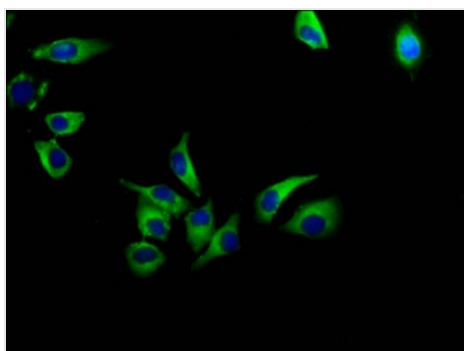
PRODUCT SYNONYMS

AVPR1A; Polyclonal Antibody; AVPR1A Antibody; Vasopressin V1a receptor; V1aR; AVPR V1a; Antidiuretic hormone receptor 1a; Vascular/hepatic-type arginine vasopressin receptor; AVPR1; anti-AVPR1A antibody

PRODUCT SPECIFICATIONS

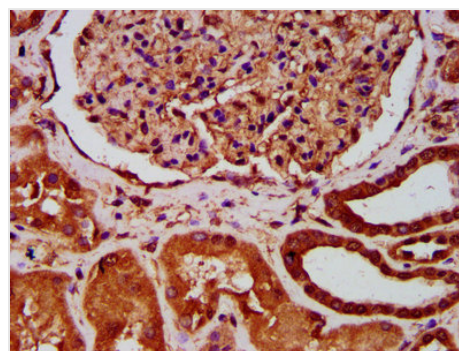
Host	Rabbit
Reactivity	Human
Clonality	Polyclonal
Isotype	IgG
Purity/Purification	>95%, Protein G purified
Form/Format	Liquid
Sequence Length	418
Applicable Applications for anti-AVPR1A antibody	IF (Immunofluorescence), IHC (Immunohistochemistry), ELISA
Immunogen	Recombinant Human Vasopressin V1a receptor protein (1-52AA)
Conjugation	Non-conjugated
Buffer	Preservative: 0.03% Proclin 300 Constituents: 50% Glycerol, 0.01M PBS, pH 7.4
Preparation and Storage	Upon receipt, store at -20 degree C or -80 degree C. Avoid repeated freeze.

IMAGES



IF (Immunofluorescence)

Immunofluorescence staining of A549 cells with AAA234758 at 1:133, counter-stained with DAPI. The cells were fixed in 4% formaldehyde, permeabilized using 0.2% Triton X-100 and blocked in 10% normal Goat Serum. The cells were then incubated with the antibody overnight at 4 degree C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG (H+L).



IHC (Immunohistochemistry)

IHC image of AAA234758 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica BondTM system. After dewaxing and hydration, antigen retrieval was mediated by high pressure in a citrate buffer (pH 6.0). Section was blocked with 10% normal goat serum 30min at RT. Then primary antibody (1% BSA) was incubated at 4 degree C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.

ADDITIONAL INFORMATION

Related Product Information for anti-AVPR1A antibody	Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system. Has been involved in social behaviors, including affiliation and attachment.
Product Categories/Family for anti-AVPR1A antibody	Neuroscience; Signal Transduction

NCBI AND UNIPROT INFORMATION

NCBI GI #	4502331
NCBI GeneID	552
NCBI Accession #	NP_000697.1
NCBI GenBank Nucleotide #	NM_000706.4
UniProt Accession #	P37288
Molecular Weight	46,800 Da
NCBI Official Full Name	vasopressin V1a receptor
NCBI Official Synonym Full Names	arginine vasopressin receptor 1A
NCBI Official Symbol	AVPR1A
NCBI Official Synonym Symbols	V1aR; AVPR1; AVPR V1a
NCBI Protein Information	vasopressin V1a receptor
UniProt Protein Name	Vasopressin V1a receptor
UniProt Gene Name	AVPR1A
UniProt Synonym Gene Names	AVPR1; V1aR

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.