

Datasheet for ABIN7175408  
**anti-AVPR1A antibody (AA 1-52)**[Go to Product page](#)

## 2 Images

## Overview

Quantity:	100 µg
Target:	AVPR1A
Binding Specificity:	AA 1-52
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This AVPR1A antibody is un-conjugated
Application:	ELISA, Immunohistochemistry (IHC), Immunofluorescence (IF)

## Product Details

Immunogen:	Recombinant Human Vasopressin V1a receptor protein (1-52AA)
Isotype:	IgG
Cross-Reactivity:	Human
Purification:	>95%, Protein G purified

## Target Details

Target:	AVPR1A
Alternative Name:	AVPR1A ( <a href="#">AVPR1A Products</a> )
Background:	Background: 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

## Target Details

involved in social behaviors, including affiliation and attachment.

Aliases: 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

UniProt: [P37288](#)

Pathways: [Regulation of Systemic Arterial Blood Pressure by Hormones](#), [Response to Water Deprivation](#), [Regulation of Carbohydrate Metabolic Process](#)

## Application Details

Application Notes: Recommended dilution: IHC:1:200-1:500, IF:1:50-1:200,

Restrictions: For Research Use only

## Handling

Format: Liquid

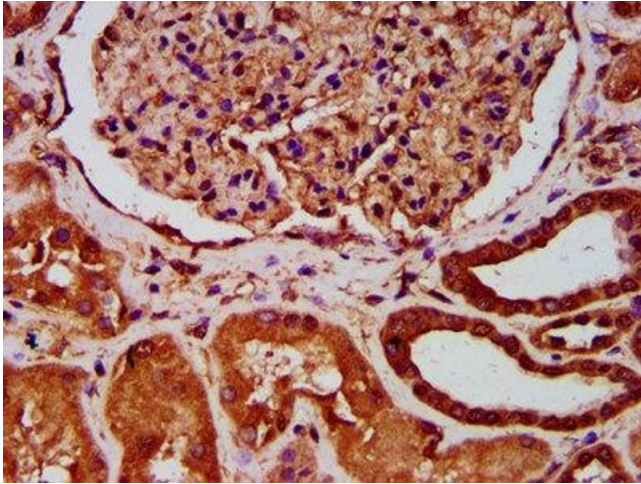
Buffer: Preservative: 0.03 % Proclin 300  
Constituents: 50 % Glycerol, 0.01M PBS, pH 7.4

Preservative: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.

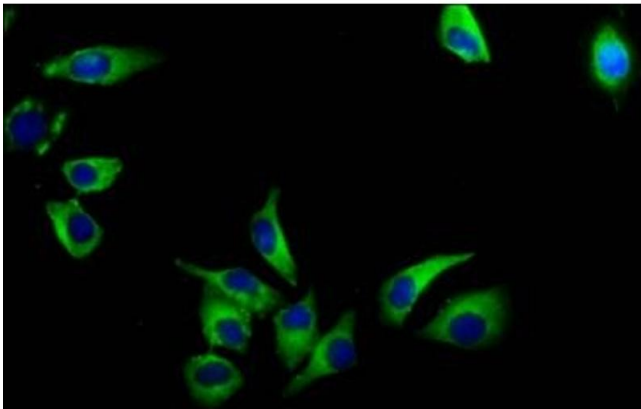
Storage: -20 °C, -80 °C

Storage Comment: Upon receipt, store at -20°C or -80°C. Avoid repeated freeze.



#### Immunohistochemistry

**Image 1.** IHC image of ABIN7175408 diluted at 1:400 and staining in paraffin-embedded human kidney tissue performed on a Leica Bond™ 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°C overnight. The primary is detected by a biotinylated secondary antibody and visualized using an HRP conjugated SP system.



#### Immunofluorescence

**Image 2.** Immunofluorescence staining of A549 cells with ABIN7175408 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°C. The secondary antibody was Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).