Datasheet for ABIN2789326

# anti-AVPR1A antibody (C-Term)

Go to Product page

## 1 Image

## Overview

| | |
|---|---|
| Quantity: | 100 µL |
| Target: | AVPR1A |
| Binding Specificity: | C-Term |
| Reactivity: | Human, Rat, Pig, Rabbit, Guinea Pig |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This AVPR1A antibody is un-conjugated |
| Application: | Western Blotting (WB) |

## Product Details

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|---|---|
| Sequence: | WIYMFFSGHL LQDCVQSFPC CQNMKEKFNK EDTDSMSRRQ TFYSNNRSPT |
| Predicted Reactivity: | Guinea Pig: 86%, Human: 100%, Pig: 92%, Rabbit: 92%, Rat: 100% |
| Characteristics: | This is a rabbit polyclonal antibody against AVPR1A. It was validated on Western Blot. |
| Purification: | Affinity Purified |

## Target Details

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|---|---|
| Target: | AVPR1A |
| Alternative Name: | AVPR1A (AVPR1A Products) |
| Background: | 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 |

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## Target Details

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| | 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.<br>Alias Symbols: AVPR1<br>Protein Interaction Partner: GRK5, AVP, PRKCA,<br>Protein Size: 418 |
| Molecular Weight: | 46 kDa |
| Gene ID: | 552 |
| NCBI Accession: | NM_000706, NP_000697 |
| UniProt: | P37288 |
| Pathways: | Regulation of Systemic Arterial Blood Pressure by Hormones, Response to Water Deprivation, Regulation of Carbohydrate Metabolic Process |

## Application Details

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| Application Notes: | Optimal working dilutions should be determined experimentally by the investigator. |
| Comment: | Antigen size: 418 AA |
| Restrictions: | For Research Use only |

## Handling

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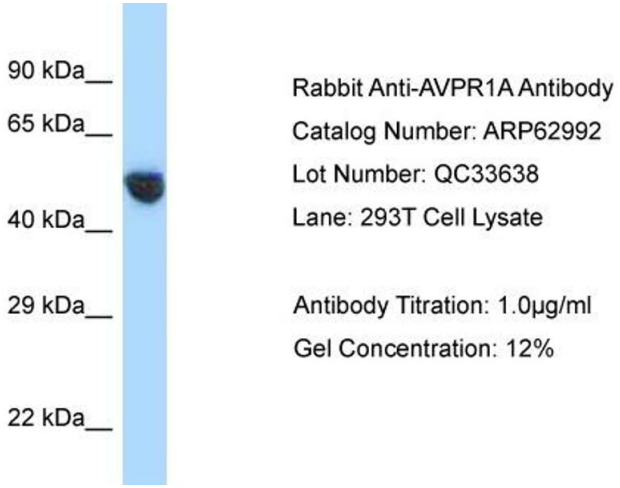
|---|---|
| Format: | Liquid |
| Concentration: | Lot specific |
| Buffer: | Liquid. Purified antibody supplied in 1x PBS buffer with 0.09 % (w/v) sodium azide and 2 % sucrose. |
| Preservative: | Sodium azide |
| Precaution of Use: | This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only. |
| Handling Advice: | Avoid repeated freeze-thaw cycles. |
| Storage: | -20 °C |
| Storage Comment: | For short term use, store at 2-8°C up to 1 week. For long term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles. |




**Western Blotting**

**Image 1.**

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