

## Rabbit AVPR1A Polyclonal Antibody | anti-AVPR1A antibody

AVPR1A Rabbit Polyclonal Antibody

|                               |                       |                                        |                                                         |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|
| CATALOG #<br><b>AAA314168</b> | HOST<br><b>Rabbit</b> | REACTIVITY<br><b>Human, Mouse, Rat</b> | APPLICATIONS<br><b>Immunofluorescence, Western Blot</b> |
|-------------------------------|-----------------------|----------------------------------------|---------------------------------------------------------|

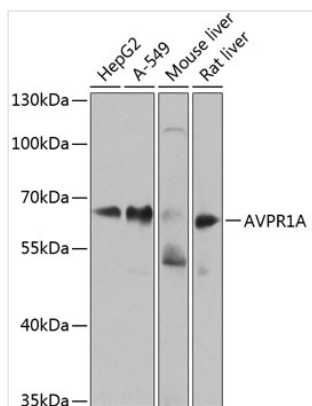
### PRODUCT SYNONYMS

AVPR1A; Polyclonal Antibody; AVPR1A Rabbit Polyclonal Antibody; AVPR V1a; AVPR1; V1aR; AVPRV1a; anti-AVPR1A antibody

### PRODUCT SPECIFICATIONS

|                                                  |                                                           |
|--------------------------------------------------|-----------------------------------------------------------|
| Host                                             | Rabbit                                                    |
| Reactivity                                       | Human, Mouse, Rat                                         |
| Clonality                                        | Polyclonal                                                |
| Isotype                                          | IgG                                                       |
| Purity/Purification                              | Affinity purification                                     |
| Form/Format                                      | PBS with 0.02% sodium azide, 50% glycerol, pH7.3.         |
| Concentration                                    | 1.33mg/ml (varies by lot)                                 |
| Applicable Applications for anti-AVPR1A antibody | IF (Immunofluorescence), WB (Western Blot)                |
| Immunogen                                        | Recombinant fusion protein of human AVPR1A (NP_000697.1). |
| Preparation and Storage                          | Store at -20°C. Avoid freeze/thaw cycles.                 |

### IMAGES


**WB (Western Blot)**

Western blot analysis of extracts of various cell lines, using AVPR1A at 1:1000 dilution.

### ADDITIONAL INFORMATION

#### Related Product Information for anti-AVPR1A antibody

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.

NCBI AND UNIPROT INFORMATION

|                                  |                                                                                                                                                                                                                          |
|----------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| NCBI GI #                        | 2623230                                                                                                                                                                                                                  |
| NCBI GeneID                      | 552                                                                                                                                                                                                                      |
| UniProt Accession #              | P37288                                                                                                                                                                                                                   |
| Molecular Weight                 | Calculated MW: 46KdA<br>SDS-PAGE MW: 60kDa                                                                                                                                                                               |
| NCBI Official Full Name          | SCCL vasopressin subtype 1a 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; V1a vasopressin receptor; antidiuretic hormone receptor 1A; SCCL vasopressin subtype 1a receptor; V1-vascular vasopressin receptor AVPR1A; vascular/hepatic-type arginine vasopressin receptor |
| UniProt Protein Name             | Vasopressin V1a receptor                                                                                                                                                                                                 |
| UniProt Gene Name                | AVPR1A                                                                                                                                                                                                                   |
| UniProt Synonym Gene Names       | AVPR1; V1aR                                                                                                                                                                                                              |
| UniProt Entry Name               | V1AR_HUMAN                                                                                                                                                                                                               |

**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.