

**ARG64161**  
anti-AVPR1A antibodyPackage: 100 µg  
Store at: -20°C

### Summary

|                     |  |
|---------------------|--|
| Product Description | Goat Polyclonal antibody recognizes AVPR1A   |
| Tested Reactivity   | Hu, Ms, Rat  |
| Predict Reactivity  | Cow, Dog, Pig  |
| Tested Application  | WB   |
| Host                | Goat   |
| Clonality           | Polyclonal   |
| Isotype             | IgG  |
| Target Name         | AVPR1A   |
| Species             | Human  |
| Immunogen           | CHPLKTLQQPARRSR  |
| Conjugation         | Un-conjugated  |
| Alternate Names     | AVPR1; Vascular/hepatic-type arginine vasopressin receptor; Antidiuretic hormone receptor 1a; Vasopressin V1a receptor; V1aR; AVPR V1a |

### Application Instructions

| Application table | Application | Dilution         |
|-------------------|-------------|------------------|
|                   | WB          | 0.03 - 0.1 µg/ml |

**Application Note** WB: Recommend incubate at RT for 1h.  
\* The dilutions indicate recommended starting dilutions and the optimal dilutions or concentrations should be determined by the scientist.

### Properties

|                     |  |
|---------------------|--|
| Form                | Liquid   |
| Purification        | Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.  |
| Buffer              | Tris saline (pH 7.3), 0.02% Sodium azide and 0.5% BSA  |
| Preservative        | 0.02% Sodium azide   |
| Stabilizer          | 0.5% BSA   |
| Concentration       | 0.5 mg/ml  |
| Storage instruction | For continuous use, store undiluted antibody at 2-8°C for up to a week. For long-term storage, aliquot and store at -20°C or below. Storage in frost free freezers is not recommended. Avoid repeated freeze/thaw cycles. Suggest spin the vial prior to opening. The antibody solution should be gently mixed before use. |

Note

For laboratory research only, not for drug, diagnostic or other use.

## Bioinformation

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 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. [provided by RefSeq, Jul 2008]

Research Area

Neuroscience antibody; Signaling Transduction antibody

Calculated Mw

47 kDa

## Images

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ARG64161 anti-AVPR1A antibody WB image

Western Blot: NIH3T3 lysate (35 µg protein in RIPA buffer) stained with ARG64161 anti-AVPR1A antibody at 0.03 µg/ml dilution.