

**Anti-Human/Mouse AVPR1A Polyclonal Antibody**

**Polyclonal Antibody**

**Cat.NO.: PA05108**

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3th Edition

**Description:**AVPR1A (Arginine Vasopressin Receptor 1A) is a Protein Coding gene. Diseases associated with AVPR1A include Acth-Independent Macronodular Adrenal Hyperplasia and Asperger Syndrome. Among its related pathways are Peptide ligand-binding receptors and Vascular smooth muscle contraction. GO annotations related to this gene include G-protein coupled receptor activity and protein kinase C binding. An important paralog of this gene is AVPR1B.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.

**Antigen:**Synthesized peptide derived from human AVPR1A

**Form:**

**How to use:**1.0 ml distilled water will be added to the product

**Stability:** Lyophilized product, 5 years at 2 – 8°C; Solution, 2 years at –20°C

**Dilution:**PBS (pH7.4) containing 1% BSA

**Application:**This antibody can be used for western blotting in concentration of 1?5?g/ml.

**Specificity:**