**bs-11598R** **[ Primary Antibody ]**

# AVPR1A Rabbit pAb

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## DATASHEET

**Host:** Rabbit **Isotype:** IgG

**Clonality:** Polyclonal

**GeneID:** 552 **SWISS:** P37288

**Target:** AVPR1A

**Immunogen:** KLH conjugated synthetic peptide derived from human AVP Receptor V1a: 1-55/418. < Extracellular >

**Purification:** affinity purified by Protein A

**Concentration:** 1mg/ml

**Storage:** 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.
Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

**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]

**Applications:** **WB** (1:500-2000)
**IHC-P** (1:100-500)
**IHC-F** (1:100-500)
**IF** (1:100-500)
**ELISA** (1:5000-10000)

**Reactivity:** Human (predicted: Mouse, Rat, Rabbit)

**Predicted MW.:** 47 kDa

**Subcellular Location:** Cell membrane

## SELECTED CITATIONS


- **[IF=14.415]** Yongli Shan. et al. Dual-Color Single-Cell Imaging of the Suprachiasmatic Nucleus Reveals a Circadian Role in Network Synchrony. Neuron. 2020 Oct;108:164 IF,ICC ;Mouse. 32768389
- **[IF=4.4]** Garrett A Enten. et al. Chemokine receptor hetero-oligomers regulate monocyte chemotaxis. LIFE SCI ALLIANCE. 2024 Aug;7(8):e202402657 IF ;Human. 38782603
- **[IF=3.48]** Albee et al. Identification and functional characterization of arginine vasopressin receptor 1A : atypical chemokine receptor 3 heteromers in vascular smooth muscle. (2018) Open.Biol. 8 ICC,CoIP,WB,FCM ;Human. 29386406
- **[IF=3.24]** Lauren J. Albee. et al. Plasticity of seven-transmembrane-helix receptor heteromers in human vascular smooth muscle cells. Plos One. 2021 Jun;16(6):e0253821 Other ;. 34166476