

## AVPR1A Rabbit pAb

Catalog Number: bs-11598R

Target Protein: AVPR1A

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

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: Cell membrane

Locations:

Entrez Gene: 552

Swiss Prot: P37288

Source: KLH conjugated synthetic peptide derived from human AVP Receptor V1a: 1-55/418.

Purification: affinity purified by Protein A

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]

### PRODUCT SPECIFIC PUBLICATIONS

[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