



Rabbit Anti-AVPR1A antibody

SL11598R

Product Name:	AVPR1A
Chinese Name:	抗利尿激素1A抗体
Alias:	AVP Receptor V1a; Antidiuretic hormone receptor 1A; Arginine vasopressin receptor 1A; AVPR 1; AVPR 1A; AVPR V1a; AVPR1; AVPR1A; SCCL vasopressin subtype 1a receptor; V1 vascular vasopressin receptor AVPR1A; V1a vasopressin receptor; V1aR; V1AR_HUMAN; Vascular/hepatic type arginine vasopressin receptor; Vascular/hepatic-type arginine vasopressin receptor; Vasopressin V1a receptor.
Organism Species:	Rabbit
Clonality:	Polyclonal
React Species:	Human,Mouse,Rat,Rabbit,
Applications:	WB=1:500-2000ELISA=1:500-1000IHC-P=1:400-800 (Paraffin sections need antigen repair) not yet tested in other applications. optimal dilutions/concentrations should be determined by the end user.
Molecular weight:	47kDa
Cellular localization:	The cell membrane
Form:	Lyophilized or Liquid
Concentration:	1mg/ml
immunogen:	KLH conjugated synthetic peptide derived from human AVP Receptor V1a:1-55/418<Extracellular>
Lsotype:	IgG
Purification:	affinity purified by Protein A
Storage Buffer:	0.01M TBS(pH7.4) with 1% BSA, 0.03% Proclin300 and 50% Glycerol.
Storage:	Store at -20 °C for one year. Avoid repeated freeze/thaw cycles. The lyophilized antibody is stable at room temperature for at least one month and for greater than a year when kept at -20°C. When reconstituted in sterile pH 7.4 0.01M PBS or diluent of antibody the antibody is stable for at least two weeks at 2-4 °C.
PubMed:	PubMed
Product Detail:	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]

Function:

Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system. Has been involved in social behaviors, including affiliation and attachment.

Subcellular Location:

Cell membrane.

Similarity:

Belongs to the G-protein coupled receptor 1 family. Vasopressin/oxytocin receptor subfamily.

SWISS:

P37288

Gene ID:

552

Database links:

[Entrez Gene: 552](#) Human

[Omim: 600821](#) Human

[SwissProt: P37288](#) Human

[Unigene: 2131](#) Human

Important Note:

This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.