

AVP Receptor V2 Rabbit Polyclonal Antibody

Catalog# UZ-PA01168

Product information

产品货号	UZ-PA01168
别名	AVPR2; ADHR; DIR; DIR3; V2R; Vasopressin V2 receptor; V2R; AVPR V2; Antidiuretic hormone receptor; Renal-type arginine vasopressin receptor
产品名称	AVP Receptor V2 Rabbit Polyclonal Antibody
类别	抗体产品
基因名称	AVPR2
推荐应用	WB,IF-P,IF-F,IF-ICC,ELISA
反应种属	Human,Rat,Mouse
存储缓冲液	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% New type preservative N .
Human Gene ID	554
Human Swissprot No.	P30518
免疫原	The antiserum was produced against synthesized peptide derived from human AVPR2. AA range:72-121
稀释度	WB 1:500-1:2000, IF-P/IF-F/IF-ICC 1:200-1:1000, ELISA 1:10000.Not yet tested in other applications.
预测分子量	38kDa
运输及保存条件	-20°C/1 year
宿主	Rabbit
同种型	Rabbit,IgG
背景介绍	This gene encodes the vasopressin receptor, type 2, also known as the V2 receptor, which belongs to the seven-transmembrane-domain G protein-coupled receptor (GPCR) superfamily, and couples to Gs thus stimulating adenylate cyclase. The subfamily that includes the V2 receptor, the V1a and V1b vasopressin receptors, the oxytocin receptor, and isotocin and mesotocin receptors in non-mammals, is well conserved, though several members signal via other G proteins. All bind similar cyclic nonapeptide hormones. The V2 receptor is expressed in the kidney tubule, predominantly in the distal convoluted tubule and collecting ducts, where its primary property is to respond to the pituitary hormone arginine vasopressin (AVP) by stimulating mechanisms that concentrate the urine and maintain water homeostasis in the organism. When the function of this gene is lost, the disease Nephrogenic Diabetes Insipidus
细胞定位	Cell membrane ; Multi-pass membrane protein .
纯化	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Clonality	Polyclonal