

BP884**Polyclonal Antibody to Vasopressin V2 receptor (AVPR2) - Ig Fraction**

Alternate names:	ADHR, AVPR V2, Antidiuretic hormone receptor, DIR, DIR3, Renal-type arginine vasopressin receptor, V2R
Quantity:	50 µg
Concentration:	1.0 mg/ml
Uniprot ID:	P30518
NCBI:	NP_000045.1
GeneID:	554
Host:	Rabbit
Immunogen:	21 amino acid peptide from the 3rd cytoplasmic domain of Rat AVP-V2 Remarks: The immunising peptide has no significant similarity with AVP V1a or V1b receptors.
Format:	State: Liquid purified IgG fraction Purification: Affinity Chromatography Buffer System: PBS Preservatives: 0.09% Sodium Azide Stabilizers: 0.1% BSA
Applications:	ELISA. Western blot (A glycosylated band at approximately 62 kDa is observed using membranes from Rat inner medulla. N-Glycanase reduces the size of this band to 36 kDa - deglycosylated form). Immunohistochemistry on Frozen Sections. Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.
Specificity:	This antibody detects Vasopressin V2 Receptor.
Species Reactivity:	Tested: Rat. Expected from sequence similarity: Bovine, Human, Pig, Mouse.
Storage:	Store undiluted at 2-8°C for one month or (in aliquots) at -20°C for longer. Avoid repeated freezing and thawing. Shelf life: one year from despatch.
General Readings:	1. Nonoguchi H, Owada A, Kobayashi N, Takayama M, Terada Y, Koike J, et al. Immunohistochemical localization of V2 vasopressin receptor along the nephron and functional role of luminal V2 receptor in terminal inner medullary collecting ducts. J Clin Invest. 1995 Oct;96(4):1768-78. PubMed PMID: 7560068.