

## AVP Receptor V3 Polyclonal Antibody

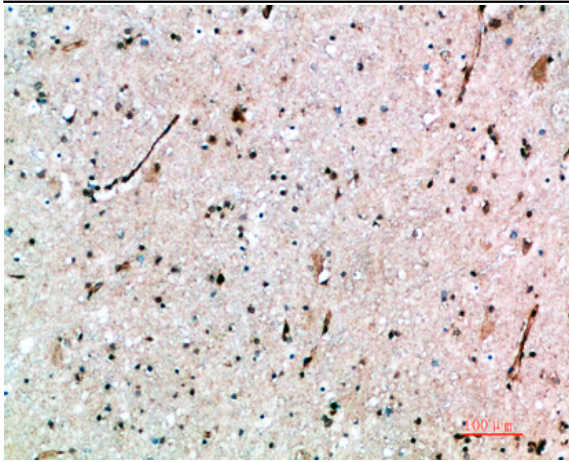
<b>Catalog No :</b>	YT6001
<b>Reactivity :</b>	Human;Mouse;Rat
<b>Applications :</b>	IHC;IF;ELISA
<b>Target :</b>	AVP Receptor V3
<b>Fields :</b>	>>Calcium signaling pathway;>>Phospholipase D signaling pathway;>>Neuroactive ligand-receptor interaction;>>Vascular smooth muscle contraction
<b>Gene Name :</b>	AVPR1B AVPR3 VPR3
<b>Protein Name :</b>	Vasopressin V1b receptor (V1bR) (AVPR V1b) (AVPR V3) (Antidiuretic hormone receptor 1b) (Vasopressin V3 receptor)
<b>Human Gene Id :</b>	553
<b>Human Swiss Prot No :</b>	P47901
<b>Mouse Gene Id :</b>	26361
<b>Mouse Swiss Prot No :</b>	Q9WU02
<b>Rat Swiss Prot No :</b>	P48974
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from the Internal region of human AVPR1B. AA range:271-320
<b>Specificity :</b>	The antibody detects endogenous AVP Receptor V3
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	IHC 1:50-200, ELISA 1:10000-20000. IF 1:50-200

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<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Cell Pathway :</b>	Calcium;Neuroactive ligand-receptor interaction;Vascular smooth muscle contraction;
<b>Background :</b>	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 AVPR1A, V2R and OXT receptors. Its activity is mediated by G proteins which stimulate a phosphatidylinositol-calcium second messenger system. The receptor is primarily located in the anterior pituitary, where it stimulates ACTH release. It is expressed at high levels in ACTH-secreting pituitary adenomas as well as in bronchial carcinoids responsible for the ectopic ACTH syndrome. A spliced antisense transcript of this gene has been reported but its function is not known. [provided by RefSeq, Jul 2008],
<b>Function :</b>	function:Receptor for arginine vasopressin. The activity of this receptor is mediated by G proteins which activate a phosphatidyl-inositol-calcium second messenger system.,similarity:Belongs to the G-protein coupled receptor 1 family.,
<b>Subcellular Location :</b>	Cell membrane ; Multi-pass membrane protein .
<b>Expression :</b>	Lung carcinoma,Pituitary,
<b>Sort :</b>	2527
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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## Products Images



Immunohistochemical analysis of paraffin-embedded human-brain, antibody was diluted at 1:200