

## AVPR1A Polyclonal Antibody

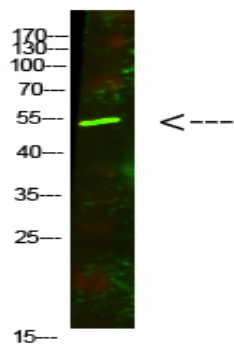
<b>Catalog No :</b>	YT6097
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	AVPR1A
<b>Fields :</b>	>>Calcium signaling pathway;>>Phospholipase D signaling pathway;>>Neuroactive ligand-receptor interaction;>>Vascular smooth muscle contraction
<b>Gene Name :</b>	AVPR1A
<b>Protein Name :</b>	AVPR1A
<b>Human Gene Id :</b>	552
<b>Human Swiss Prot No :</b>	P37288
<b>Mouse Gene Id :</b>	54140
<b>Mouse Swiss Prot No :</b>	Q62463
<b>Immunogen :</b>	Synthesized peptide derived from human AVPR1A. at AA range: 11-60
<b>Specificity :</b>	AVPR1A Polyclonal Antibody detects endogenous levels of AVPR1A
<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>	WB 1:500-2000, ELISA 1:10000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml

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<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	55kD
<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 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],
<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. Has been involved in social behaviors, including affiliation and attachment.,miscellaneous:Differences in regional receptor expression in the brain as well as differences in social behavior may result from a highly variable repetitive sequence in the 5' flanking region of AVPR1A. One such allelic variant has been linked to autism.,similarity:Belongs to the G-protein coupled receptor 1 family.,
<b>Subcellular Location :</b>	Cell membrane; Multi-pass membrane protein.
<b>Expression :</b>	Liver,Lung,
<b>Sort :</b>	2530
<b>No4 :</b>	1
<b>Host :</b>	Rabbit
<b>Modifications :</b>	Unmodified

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## Products Images



Western Blot analysis of mouse-lung cells using primary antibody diluted at 1:500(4°C overnight). Secondary antibody:Goat Anti-rabbit IgG IRDye 800( diluted at 1:5000, 25°C, 1 hour)