



AVPR1A Polyclonal Antibody

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| Catalog No | BYab-10778 |
| Isotype | IgG |
| Reactivity | Human;Mouse |
| Applications | WB;ELISA |
| Gene Name | AVPR1A |
| Protein Name | AVPR1A |
| Immunogen | Synthesized peptide derived from human AVPR1A. at AA range: 11-60 |
| Specificity | AVPR1A Polyclonal Antibody detects endogenous levels of AVPR1A |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Source | Polyclonal, Rabbit,IgG |
| Purification | The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen. |
| Dilution | WB 1:500-2000, ELISA 1:10000-20000 |
| Concentration | 1 mg/ml |
| Purity | ≥90% |
| Storage Stability | -20°C/1 year |
| Synonyms | Vasopressin V1a receptor (V1aR) (AVPR V1a) (Antidiuretic hormone receptor 1a) (Vascular/hepatic-type arginine vasopressin receptor) |
| Observed Band | 55kD |
| Cell Pathway | Cell membrane; Multi-pass membrane protein. |
| Tissue Specificity | Liver,Lung, |
| Function | 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., |
| Background | 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 |

Nanjing BYabscience technology Co.,Ltd



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],

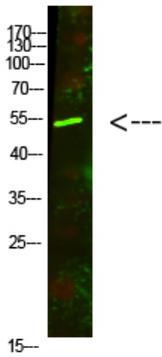
matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

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)