

Product datasheet for **TA354936**

Vasopressin V1b receptor (AVPR1B) Rabbit Polyclonal Antibody

Product data:

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| Product Type: | Primary Antibodies |
| Applications: | WB |
| Recommended Dilution: | WB 0.1-1 µg/ml ELISA 0.01-0.1 µg/ml IP 2-5 µg/ml IHC 1-5 µg/ml FC Not tested |
| Reactivity: | Human |
| Host: | Rabbit |
| Isotype: | IgG |
| Clonality: | Polyclonal |
| Immunogen: | A synthetic peptide corresponding to the extracellular domain of V1b vasopressin receptor. This sequence is identical to human, mouse and rat. |
| Formulation: | This affinity purified antibody is supplied in sterile Phosphate buffered saline (pH7.2) containing antibody stabilizer. |
| Purification: | The Rabbit IgG is purified by Epitope Affinity Purification |
| Conjugation: | Unconjugated |
| Storage: | Store at -20°C as received. |
| Stability: | Stable for 12 months from date of receipt. |
| Predicted Protein Size: | ~50 kDa |
| Gene Name: | arginine vasopressin receptor 1B |
| Database Link: | NP_000698 Entrez Gene 553 Human P47901 |
| Background: | The vasopressin r V1B eceptor V1bR is a member of the Vasopressin/Oxytocin G-protein coupled receptors family . The V1B receptor is expressed specifically in pituitary corticotropes and mediates the stimulatory effect of vasopressin on ACTH release. Vasopressin V1B receptor expression has been documented in the pituitary, pituitary tumors, pheochromocytoma, breast cancer, and small-cell lung carcinomas. |
| Synonyms: | AVPR3 |
| Protein Families: | Druggable Genome, GPCR, Transmembrane |



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Protein Pathways: Calcium signaling pathway, Neuroactive ligand-receptor interaction, Vascular smooth muscle contraction

Product images:



WB: Whole tissue lysate derived from mouse pituitary was resolved onto 10% SDS-PAGE, transferred onto NC membrane, then immunoprobed by anti-V1bR antibody (Lane 1) or pre-depleted antibody by the immunizing peptide (lane 2) at 1:500. The immune-reactive band around ~50kDa was abolished.