



Rabbit anti Vasopressin V1b Receptor Polyclonal Antibody

Alternative Name(s): Arginine vasopressin receptor 1B (VR1b); VPR; AVPR1B; Antidiuretic hormone receptor 1B

Order Information

- **Description:** Vasopressin V1b Receptor
- **Catalogue:** 500-10214
- **Lot:** See label
- **Size:** 100ug/200ul
- **Host:** Rabbit
- **Clone:** nan
- **Application:** WB
- **Reactivity:** Hu, Ms, Rt

ANTIGEN PREPARATION

A synthetic peptide corresponding to the extracellular domain of V1b vasopressin receptor. This sequence is identical to human, mouse and rat.

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.

PURIFICATION

The Rabbit IgG is purified by Epitope Affinity Purification

FORMULATION

This affinity purified antibody is supplied in sterile Phosphatebuffered saline (pH7.2) containing antibody stabilizer

SPECIFICITY

This antibody recognizes V1bR protein. It cross-reacts to human, mouse and rat. Others are not tested.

STORAGE

The antibodies are stable for 24 months from date of receipt when stored at -20oC to -70oC. The antibodies can be stored at 2oC-8oC for three month without detectable loss of activity. Avoid repeated freezing-thawing cycles.

APPLICATIONS/SUGGESTED WORKING DILUTIONS*

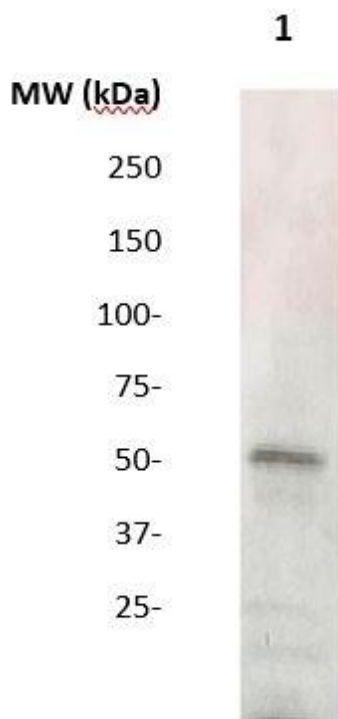
- Western Blot: 0.1-1 µg/ml
- ELISA: 0.01-0.1 µg/ml
- Immunoprecipitation: 2-5 µg/ml
- IHC: Not tested
- Flow cytometry: Not tested
- Molecular Weight: 50.0
- Positive Control: Kidney Tissue
- Cellular Location: Cell Membrane

*Optimal dilutions should be determined by researchers for the specific applications.

FOR RESEARCH USE ONLY.

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DATA ATTACHMENTS



Western Blot: Whole tissue lysate derived from mouse pituitary was resolved onto 10% SDS-PAGE, transferred onto NC membrane, then immune-probed by anti-V1bR antibody at 1:500. The immune-reactive band around ~50kDa was abolished.

REFERENCES

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