

Anti-Vasopressin V2 Receptor Rabbit Polyclonal Antibody



Catalog #: 51630

Aliases

ADHR; DIR; DIR3; V2R; Vasopressin V2 receptor; V2R; AVPR V2; Antidiuretic hormone receptor; Renal-type arginine vasopressin receptor

Background

Gene Name: AVPR2

NCBI Gene Entry: [554](#)

UniProt Entry: [P30518](#)

Application Information

Molecular Weight: Predicted, 40 kDa; observed, 45 kDa

Clonality: Rabbit polyclonal antibody

Species Reactivity: Human, mouse, rat, monkey

Applications Tested: Western blotting (WB), immunocytochemistry (IC)

Immunogen

A synthesized peptide derived from human Vasopressin V2 Receptor

Isotype

Rabbit IgG

Storage Buffer

Supplied in PBS (pH 7.3) containing 30% glycerol, and 0.01% sodium azide.

Storage

Store at -20 °C for one year.

Recommended Dilutions

Western Blotting (WB): 1:500-1:1,000

Immunocytochemistry (IC): 1:100-1:500

Note: This product is for research use only.

Validation Data

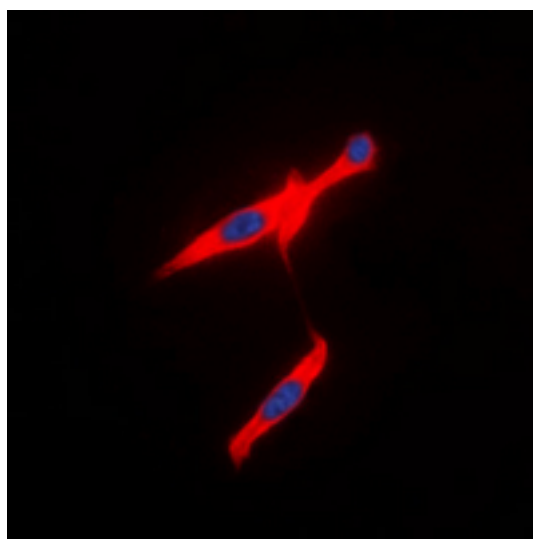
SUPPORT

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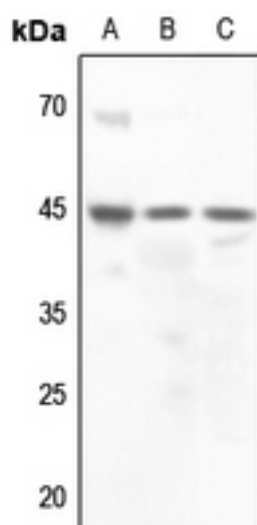
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Immunocytochemical analysis of Vasopressin V2 Receptor staining in HEK293T cells. Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a DyLight 594-conjugated secondary antibody (red) in PBS at room temperature in the dark. DAPI was used to stain the cell nuclei (blue).



Western blotting analysis of Vasopressin V2 Receptor expression in DLD (A), mouse muscle (B), rat kidney (C) whole cell lysates.