AVP polyclonal antibody

Catalog: BS61620 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Vasopressin is a neuroendocrine peptide that is released to the circulation by magnocellular neurons whose cell bodies are mainly found in the paraventricular and the supraoptic nuclei of the hypothalamus. It was first isolated from pituitary gland extracts and synthesized in 1951. Vasopressin acts by activating G protein-coupled, V1a, V1b (also known as V3) and V2 receptors and plays a fundamental role in the maintenance of water homeostasis. One of its main functions is body water retention, hence its alternative name antidiuretic hormone or ADH. Vasopressin also leads to increased arterial blood pressure by raising peripheral vascular resistance. Vasopressin is also involved in other physiological processes such as acute heart failure, pain, and metabolic syndrome .

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 17 kDa

Swiss-Prot:

P01185

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

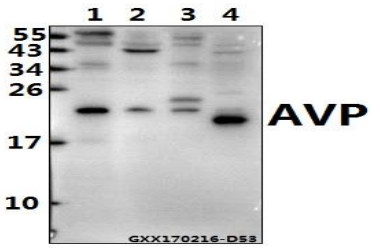
Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

AVP polyclonal antibody detects endogenous levels of AVP protein.

DATA:



Western blot (WB) analysis of AVP polyclonal antibody at 1:500 dilution

Lane1:HEK293T whole cell lysate(40ug)

Lane2:COS-7 whole cell lysate(40ug)

Lane3:PC12 whole cell lysate(40ug)

Lane4:CT26 whole cell lysate(40ug)

Note:

For research use only, not for use in diagnostic procedure.

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