

AVP Receptor V3 (D314) polyclonal antibody

Catalog: BS2968

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Vasopressin (AVP), the antidiuretic hormone, is a cyclic nonpeptide that is involved in the regulation of body fluid osmolality. AVP mediates its effects through a family of G protein coupled receptors, the vasopressin receptors type V1a, V2 and V3 (also designated V1b). The AVP receptor V3 is preferentially expressed in the pituitary and stimulates the release of adrenocorticotrophic hormone (ACTH) in response to AVP by mobilizing intracellular calcium stores. AVP receptor antagonists may have potential therapeutic effects in hypertension, congestive heart failure, nephrotic syndrome and ACTH-secreting tumors.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.2.

Molecular Weight:

~ 47 kDa

Swiss-Prot:

P47901

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

IF: 1:50~1:200

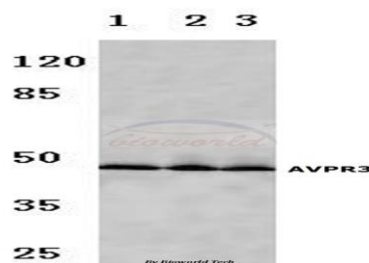
Storage&Stability:

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

Specificity:

AVP Receptor V3 (D314) polyclonal antibody detects endogenous levels of AVP Receptor V3 protein.

DATA:



Western blot (WB) analysis of AVP Receptor V3 (D314) polyclonal antibody at 1:500 dilution

Lane1:HepG2 cell lysate

Lane2:Mouse liver tissue lysate

Lane3:Rat lung tissue lysate

Note:

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

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