

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



AVP Receptor V2 (L111) Peptide

Cat No.: BS3210P

Background

The human AVP receptor V2 gene maps to chromosome Xq28 and is expressed in lung and kidney. Mutations in the V2 receptor result in nephrogenic diabetes insipidus (NDI), a rare X-linked disorder characterized by the inability of the kidney to concentrate urine in response to AVP. The AVP Receptor V2 activates the Gs protein and the cyclic AMP second messenger system. 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.

Swiss-Prot

P30518

Applications

Blocking

Specificity

This peptide can be used with studies using BS3210 AVP Receptor V2 (L111) pAb.

Purification & Purity

Synthetic peptide AVP Receptor V2 (L111). (Note: the amino acid sequence is proprietary). The purity is > 98%.

Product

1 mg/ml in DI water.

Storage & Stability

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

Research Use

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

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