

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



Kv3.2 (P626) Peptide

Cat No.: BS1297P

Background

Voltage-gated K⁺ channels in the plasma membrane control the repolarization and the frequency of action potentials in neurons, muscles and other excitable cells. The KV gene family encodes more than 30 proteins that comprise the subunits of the K⁺ channels. The subunits vary in their gating and permeation properties, subcellular distribution and expression patterns. Functional KV channels assemble as tetramers consisting of pore-forming α subunits, which include the KV1, KV2, KV3, KV4 and KV9 proteins, as well as accessory subunits that modify the gating properties of the coexpressed KV subunits. KV3.2 is a multipass membrane protein that regulates the voltage-dependent K⁺ permeability of excitable membranes. The tail of KV3.2 may be influential in the targeting of the channel to specific subcellular compartments and/or the regulation of channel activity

Swiss-Prot

Q96PR1

Applications

Blocking

Specificity

This peptide can be used with studies using BS1297 Kv3.2 (P626) pAb.

Purification & Purity

Synthetic peptide Kv3.2 (P626). (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.