

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### p-WNK1 (T60) Peptide

Cat No.: BS4208P

#### Background

WNK1 (WNK lysine deficient protein kinase 1), also known as KDP (kinase deficient protein), PSK, erythrocyte 65 kDa protein (p65), HSN2, HSN2 or PRKWINK1, is a 2,382 amino acid cytoplasmic protein that participates in cell signaling, proliferation and survival, and regulates electrolyte homeostasis. WNK1 belongs to the Ser/Thr protein kinase family of the protein kinase superfamily, and contains one protein kinase domain. Existing as five alternatively spliced isoforms, WNK1 is widely expressed but is found at highest levels in skeletal muscle, heart, testis and kidney. The gene that encodes WNK1 maps to human chromosome 12p13.33, and when defective, is the cause of an autosomal dominant disease known as pseudohypoadosteronism type II (PHAI), as well as a hereditary sensory and autonomic neuropathy designated hereditary sensory and autonomic neuropathy type 2A (HSAN2A).

#### Swiss-Prot

Q9H4A3

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS4208 p-WNK1 (T60) pAb.

#### Purification & Purity

Synthetic peptide p-WNK1 (T60). (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.