

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



PP2A- α (T301) Peptide

Cat No.: BS1586P

Background

In eukaryotes, the phosphorylation and dephosphorylation of proteins on serine and threonine residues is an essential means of regulating a broad range of cellular functions, including division, homeostasis and apoptosis. A group of proteins that are intimately involved in this process are the protein phosphatases. In general, the protein phosphatase (PP) holoenzyme is a trimeric complex composed of a regulatory subunit, a variable subunit and a catalytic subunit. Four major families of protein phosphatase catalytic subunits have been identified, designated PP1, PP2A, PP2B (calcineurin) and PP2C. The PP2A family comprises subfamily members PP2A α and PP2A β . An additional protein phosphatase catalytic subunit, PPX (also known as PP4) is a putative member of a novel PP family.

Swiss-Prot

P67775

Applications

Blocking

Specificity

This peptide can be used with studies using BS1586 PP2A- α (T301) pAb.

Purification & Purity

Synthetic peptide PP2A- α (T301). (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.