

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### Synuclein- $\alpha$ (D119) Peptide

Cat No.: BS3429P

#### Background

The synuclein family members, including  $\alpha$ -synuclein (also designated NACP for non- $\beta$  Amyloid component) and  $\beta$ -synuclein, are predominantly expressed in the brain and are speculated to be involved in synaptic regulation and neuronal plasticity.  $\alpha$ -synuclein is localized to neuronal cell bodies and synapses.  $\alpha$ -synuclein was first identified as a component of Alzheimer's disease amyloid plaques. Abnormal platelet function in Alzheimer's disease has been demonstrated. During megakaryocytic differentiation  $\alpha$ -synuclein has been found to be upregulated, while  $\beta$ -synuclein is downregulated, indicating that coordinate expression of synucleins may be important during hematopoietic cell differentiation. A mutant form of  $\alpha$ -synuclein has been found in patients with early onset Parkinson's disease.

#### Swiss-Prot

P37840

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3429 Synuclein- $\alpha$  (D119) pAb.

#### Purification & Purity

Synthetic peptide Synuclein- $\alpha$  (D119). (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.