

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### NOS1 (H342) Peptide

Cat No.: BS3507P

#### Background

NOS activity requires homodimerization as well as three cosubstrates (L-arginine, NADPH and O<sub>2</sub>) and five cofactors or prosthetic groups (FAD, FMN, calmodulin, tetrahydrobiopterin and heme). Several distinct NOS isoforms have been described and been shown to represent the products of three distinct genes. These include two constitutive Ca<sup>2+</sup>/CaM-dependent forms of NOS, including NOS1 (also designated ncNOS) whose activity was first identified in neurons, and NOS3 (also designated ecNOS), first identified in endothelial cells.

#### Swiss-Prot

P29475

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS3507 NOS1 (H342) pAb.

#### Purification & Purity

Synthetic peptide NOS1 (H342). (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.