

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



PPAR- γ (I106) Peptide

Cat No.: BS1587P

Background

PPAR gamma is implicated in numerous diseases including obesity, diabetes, atherosclerosis and cancer. PPAR gamma activators include prostanoids, fatty acids, thiazolidinediones and N-(2-benzoylphenyl) tyrosine analogues. A key component in adipocyte differentiation and fat-specific gene expression, PPAR gamma may modulate macrophage functions such as proinflammatory activities, and stimulate oxidized low-density lipoprotein (x-LDL) uptake. A Pro12Ala polymorphism of the PPAR gamma2 gene has been reported to reduce transactivation activity in vitro. This substitution may affect the immune response to ox-LDL and be associated with type 2 diabetes. In addition, the Pro12Ala variant of the PPAR gamma2 gene maybe correlated with abdominal obesity in type 2 diabetes.

Swiss-Prot

P37231

Applications

Blocking

Specificity

This peptide can be used with studies using BS1587 PPAR- γ (I106) pAb.

Purification & Purity

Synthetic peptide PPAR- γ (I106). (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.