

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### ApoL1 (Q294) Peptide

Cat No.: BS3072P

#### Background

Apolipoproteins are protein components of plasma lipoproteins. The apolipoprotein L gene family encodes six highly homologous proteins designated apoL-I to -VI, which are associated with large high density type lipoproteins (HDL). The human apoL family maps to chromosome 22q12.1- 13.1 within a 127,000-bp region. apoL has been characterized as a pancreas specific, 383-amino acid, 42 kDa protein that contains a 12-amino acid secretory signal peptide. The apoL genes have TATA-less promoters and contain putative sterol regulatory elements, suggesting that transcription of these genes may be coordinated with that of the low density lipoprotein receptor and genes in pathways involving the synthesis of triglycerides and cholesterol. apoL homologs can undergo 10 fold changes in expression during atherosclerotic changes in vascular endothelial cells, which includes the inflammatory reaction of atherosclerotic lesions.

#### Swiss-Prot

O14791

#### Applications

#### Blocking

#### Specificity

This peptide can be used with studies using BS3072 ApoL1 (Q294) pAb.

#### Purification & Purity

Synthetic peptide ApoL1 (Q294). (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.

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