

## PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



### HNF4 $\alpha$ (K307) Peptide

Cat No.: BS2983P

#### Background

Hepatocyte nuclear factor 4 $\alpha$  (HNF4 $\alpha$ ) is a transcription factor that belongs to the steroid hormone receptor superfamily and is enriched in liver. HNF4 $\alpha$ , in association with PGC-1 $\alpha$ , activates gluconeogenic genes such as phosphoenolpyruvate carboxykinase and glucose-6-phosphatase genes in fasted livers. Conditional knockout of the HNF4 $\alpha$  gene in the mouse liver destroys lipid homeostasis and leads to lipid accumulation in the liver and a reduction of serum cholesterol and triglyceride levels. Mutations in HNF4 $\alpha$  have been linked to maturity-onset diabetes of the young (MODY).

#### Swiss-Prot

P41235

#### Applications

Blocking

#### Specificity

This peptide can be used with studies using BS2983 HNF4 $\alpha$  (K307) pAb.

#### Purification & Purity

Synthetic peptide HNF4 $\alpha$  (K307). (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.