

AP00333CP-N**HNF4 alpha / TCF14 Control Peptide****Alternate names:**

HNF4, HNF4A, Hepatocyte nuclear factor 4-alpha, NR2A1, Nuclear receptor subfamily 2 group A member 1, Transcription factor 14, Transcription factor HNF-4

Quantity:

50 µg

Concentration:

0.2 mg/ml

Background:

The protein encoded by the HNF4 gene is a nuclear transcription factor which binds DNA as a homodimer. The encoded protein controls the expression of several genes, including hepatocyte nuclear factor 1 alpha, a transcription factor which regulates the expression of several hepatic genes. This gene may play a role in development of the liver, kidney, and intestines. Mutations in this gene have been associated with monogenic autosomal dominant non insulin dependent diabetes mellitus type I. At least three different transcript variants encoding three different isoforms have been found for this gene.

Uniprot ID:

[P41235](#)

NCBI:

[NP_000448.3](#)

GeneID:

[3172](#)

Format:

State: Liquid peptide

Buffer System: PBS pH 7.2, containing 0.1% BSA and 0.02% thimerosal

Applications:

Western blot: It usually blocks the antibody activity completely in Western blot analysis by incubating the peptide with equal volume of antibody for 30 minutes at 37°C.

Other applications not tested. Optimal dilutions are dependent on conditions and should be determined by the user.

Specificity:

Control peptide for antibody AP00333PU-N only.

Storage:

Store the antibody undiluted at -20°C or for long term storage (in aliquots) at -70°C. Avoid repeated freezing and thawing. Shelf life: one year from despatch.