

PRODUCT DATA SHEET

Bioworld Technology CO., Ltd.



TEBP (K107) Peptide

Cat No.: BS2986P

Background

TTF-1 (Thyroid transcription factor-1, BCH, BHC, NK-2, Nkx2.1, Nkx2A, TEBP, TTF1) is a member of the Nkx2 family of homeodomain-containing transcription factors and regulates the transcriptional activity of thyroid-specific genes. TTF-1 is a 38 kDa protein that influences organogenesis and the maintenance of the differentiated phenotypes of various tissues including thyroid, lung and brain. TTF-1, which is present in the epithelium of the lung, regulates transcription of the surfactant proteins (SP) A, B, and C and is essential for lung morphogenesis. In the thyroid, TTF-1 elevates the expression of thyroid specific markers, thyroglobulin, thyroperoxidase and thyrotropin receptors. TTF-1 interacts with SRC-1 and CBP in vitro.

Swiss-Prot

Q15185

Applications

Blocking

Specificity

This peptide can be used with studies using BS2986 TEBP (K107) pAb.

Purification & Purity

Synthetic peptide TEBP (K107). (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.