

**NKX2-4 polyclonal antibody**

Catalog: BS62392

Host: Rabbit

Reactivity: Human,Rat,Mouse

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 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.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.4.

Molecular Weight:

~ 36 kDa

Swiss-Prot:

Q9H2Z4

Purification&Purity:

The protein was purified from E.coli and the purity is > 95% (by SDS-PAGE).

Applications:

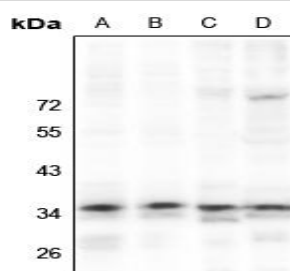
WB:1:500~1:1000

Storage&Stability:

Store at 4 °C short term. Aliquot and store at -20 °C long term. Avoid freeze-thaw cycles.

Specificity:

NKX2-4 polyclonal antibody detects endogenous levels of NKX2-4 protein.

DATA:

Western blot (WB) analysis of NKX2-4 polyclonal antibody at 1:500 dilution

LaneA:MCF-7 whole cell lysate

LaneB:H1792 whole cell lysate

LaneC:PC12 whole cell lysate

LaneD:CT-26 whole cell lysate

Note:

For research use only, not for use in diagnostic procedure.

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