



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ATOH8 polyclonal antibody

Catalog: BS33138

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Transcription factor that binds a palindromic (canonical) core consensus DNA sequence 5'-CANNTG- 3' known as an E-box element, possibly as a heterodimer with other bHLH proteins . Regulates endothelial cell proliferation, migration and tube-like structures formation . Modulates endothelial cell differentiation through NOS3 . May be implicated in specification and differentiation of neuronal cell lineages in the brain (By similarity). May participate in kidney development and may be involved in podocyte differentiation (By similarity). During early embryonic development is involved in tissue-specific differentiation processes that are dependent on class II bHLH factors and namely modulates the differentiation program initiated by the pro-endocrine factor NEUROG3 (By similarity). During myogenesis, may play a role during the transition of myoblasts from the proliferative phase to the di...

Product:

1mg/ml in 0.42% Potassium phosphate, 0.87% Sodium chloride, pH 7.3, 30% glycerol, and 0.01% sodium azide.

Molecular Weight:

~34.6 kDa

Swiss-Prot:

Q96SQ7

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

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:

Recognizes endogenous levels of ATOH8 protein

DATA:

Note:

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

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