



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ZBTB18 polyclonal antibody

Catalog: BS32641

Host: Rabbit

Reactivity: Mouse

BackGround:

Zinc finger and BTB domain-containing protein 18: Transcriptional repressor that plays a role in various developmental processes such as myogenesis and brain development. Specifically binds the consensus DNA sequence 5'-[AC]ACATCTG[GT][AC]-3' which contains the E box core, and acts by recruiting chromatin remodeling multiprotein complexes. Plays a key role in myogenesis by directly repressing the expression of ID2 and ID3, 2 inhibitors of skeletal myogenesis. Also involved in controlling cell division of progenitor cells and regulating the survival of postmitotic cortical neurons. May also play a role in the organization of chromosomes in the nucleus

Product:

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

Molecular Weight:

~58.4 kDa

Swiss-Prot:

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

matography.

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 ZBTB18 protein.

DATA:



Western blot analysis of CD224 LC expression in A549 (A), NS-1 (B), PC12 (C) whole cell lysates.

Note:

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

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