



PRODUCT DATA SHEET

Bioworld Technology, Inc.

MYO3B polyclonal antibody

Catalog: BS30867

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

Myosin-IIb: Probable actin-based motor with a protein kinase activity. Required for normal cochlear hair bundle development and hearing. Plays an important role in the early steps of cochlear hair bundle morphogenesis. Influences the number and lengths of stereocilia to be produced and limits the growth of microvilli within the forming auditory hair bundles thereby contributing to the architecture of the hair bundle, including its staircase pattern. Involved in the elongation of actin in stereocilia tips by transporting the actin regulatory factor ESPN to the plus ends of actin filaments

Product:

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

Molecular Weight:

~152 kDa

Swiss-Prot:

Q8WXR4

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

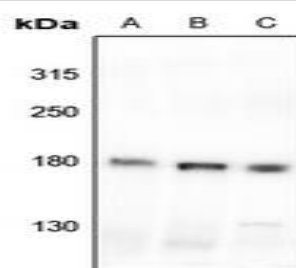
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of MYO3B protein.

DATA:



Western blot analysis of Progesterone Receptor expression in Jurkat (A), Hela (B), COS7 (C) whole cell lysates.

Note:

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

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