



PRODUCT DATA SHEET

Bioworld Technology, Inc.

NME5 polyclonal antibody

Catalog: BS32466

Host: Rabbit

Reactivity: Human

BackGround:

Nucleoside diphosphate kinase 5: Functions as part of axonemal radial spoke complexes, which play an important part in the motility of sperm and cilia (By similarity). In vitro, does not display nucleoside diphosphate kinase (NDPK) activity (Probable). Exhibits a 3'-5'-DNA exonuclease activity that removes single nucleotides from the 3' terminus of single-stranded DNA substrates and digests overhanging mismatched 3' termini from double-stranded DNA substrates, possibly participating in DNA nucleolytic processing. Confers protection from cell death mediated by BAX and alters the cellular levels of several antioxidant enzymes, including GPX5 (By similarity). Might be involved in spermiogenesis by enhancing the ability of late-stage spermatids to eliminate reactive oxygen species (By similarity)

Product:

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

Molecular Weight:

~24.2 kDa

Swiss-Prot:

P56597

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200)

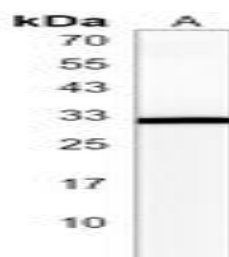
Storage&Stability:

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

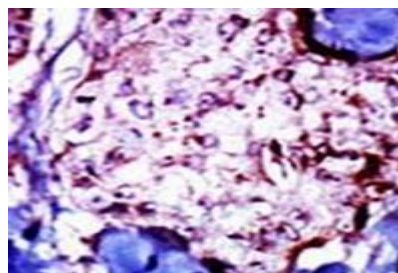
Specificity:

Recognizes endogenous levels of NME5 protein.

DATA:



Western blot analysis of Pendrin expression in human kidney (A), rat kidney (B) whole cell lysates.



Note:

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

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