



PRODUCT DATA SHEET

Bioworld Technology, Inc.

NEK10 polyclonal antibody

Catalog: BS32578

Host: Rabbit

Reactivity: Human

BackGround:

Serine/threonine-protein kinase Nek10: Plays a role in the cellular response to UV irradiation. Mediates G2/M cell cycle arrest, MEK autoactivation and ERK1/2-signaling pathway activation in response to UV irradiation. In ciliated cells of airways, it is involved in the regulation of mucociliary transport

Product:

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

Molecular Weight:

~133 kDa

Swiss-Prot:

Q6ZWH5

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

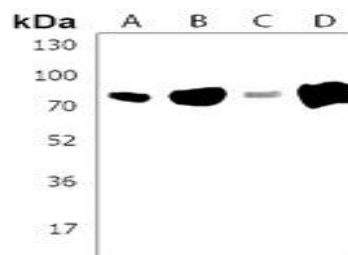
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of NEK10 protein.

DATA:



Western blot analysis of HPRT expression in HEK293T (A), THP1 (B), HCT116 (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates.

Immunohistochemical analysis of HPRT staining in rat kidney formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. Tyramide-AF488 (green) was used as the chromogen. The section was then counterstained with DAPI (blue).

Note:

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

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