



PRODUCT DATA SHEET

Bioworld Technology, Inc.

DNAH8 polyclonal antibody

Catalog: BS34058

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Dynein axonemal heavy chain 8: Force generating protein component of the outer dynein arms (ODAs) in the sperm flagellum . Produces force towards the minus ends of microtubules . Key component of dynein, a family of motor proteins essential for movement along microtubules (By similarity). Dynein has ATPase activity; the force-producing power stroke is thought to occur on release of ADP . Involved in sperm motility; implicated in sperm flagellar assembly

Product:

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

Molecular Weight:

~515 kDa

Swiss-Prot:

Q96JB1

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 DNAH8 protein

DATA:

Western blot analysis of Annexin A6 expression in HeLa (A), SP2/0 (B), rat kidney (C), HepG2 (D) whole cell lysates.

Immunohistochemical analysis of Annexin A6 staining in human liver cancer 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. AEC was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Immunofluorescent analysis of Annexin A6 staining in HeLa cells.

Formalin-fixed cells were permeabilized with 0.1% Triton X-100 in TBS for 5-10 minutes and blocked with 3% BSA-PBS for 30 minutes at room temperature. Cells were probed with the primary antibody in 3% BSA-PBS and incubated overnight at 4 °C in a humidified chamber. Cells were washed with PBST and incubated with a AF594-conjugated secondary antibody (red) in PBS at room temperature in the dark.

Note:

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

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