



PRODUCT DATA SHEET

Bioworld Technology, Inc.

HYDIN polyclonal antibody

Catalog: BS34775

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Axonemal central pair apparatus protein HYDIN: Required for ciliary motility (By similarity). Required for localization of SPEF2 to the ciliary axoneme in ciliated respiratory epithelial cells

Product:

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

Molecular Weight:

~576 kDa

Swiss-Prot:

Q4G0P3

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 HYDIN protein

DATA:

Western blot analysis of VPS26A expression in MCF7 (A), K562 (B), Hela (C), mouse liver (D), mouse kidney (E), rat liver (F), rat kidney (G) whole cell lysates.

Immunofluorescent analysis of VPS26A staining in A375 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 AF488-conjugated secondary antibody (green) in PBS at room temperature in the dark. Phalloidin - AF594 was used to stain Actin filaments (red). DAPI was used to stain the cell nuclei (blue).

Note:

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

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