

**RSPH4A polyclonal antibody**

Catalog: BS35945

Host: Rabbit

Reactivity: Human, Mouse

**BackGround:**

Radial spoke head protein 4 homolog A: Component of the axonemal radial spoke head which plays an important role in ciliary motility. Essential for triplet radial spokes (RS1, RS2 and RS3) head assembly in the motile cilia (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:**

~80.7 kDa

**Swiss-Prot:**

Q5TD94

**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 RSPH4A protein

**DATA:**

Western blot analysis of Bestrophin expression in THP1 (A), BT474 (B), Hela (C), mouse heart (D), mouse lung (E) whole cell lysates.

Immunofluorescent analysis of Bestrophin staining in HEK293T 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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