



PRODUCT DATA SHEET

Bioworld Technology, Inc.

KIF24 polyclonal antibody

Catalog: BS35544

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Kinesin-like protein KIF24: Microtubule-dependent motor protein that acts as a negative regulator of ciliogenesis by mediating recruitment of CCP110 to mother centriole in cycling cells, leading to restrict nucleation of cilia at centrioles. Mediates depolymerization of microtubules of centriolar origin, possibly to suppress aberrant cilia formation. Following activation by NEK2 involved in disassembly of primary cilium during G2/M phase but does not disassemble fully formed ciliary axonemes. As cilium assembly and disassembly is proposed to coexist in a dynamic equilibrium may suppress nascent cilium assembly and, potentially, ciliar re-assembly in cells that have already disassembled their cilia ensuring the completion of cilium removal in the later stages of the cell cycle. Plays an important role in recruiting MPHOSPH9, a negative regulator of cilia formation to the distal end of mother centriole

Product:

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

Molecular Weight:

~152 kDa

Swiss-Prot:

Q5T7B8

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 KIF24 protein

DATA:

Western blot analysis of SCGN expression in human fetal brain (A) whole cell lysates.

Note:

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

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