



PRODUCT DATA SHEET

Bioworld Technology, Inc.

IFT27 polyclonal antibody

Catalog: BS35688

Host: Rabbit

Reactivity: Human, Mouse

BackGround:

Intraflagellar transport protein 27 homolog: Small GTPase-like component of the intraflagellar transport (IFT) complex B that promotes the exit of the BBSome complex from cilia via its interaction with ARL6 . Not involved in entry of the BBSome complex into cilium. Prevents aggregation of GTP-free ARL6 . Required for hedgehog signaling. Forms a subcomplex within the IFT complex B with IFT25. Its role in intraflagellar transport is mainly seen in tissues rich in ciliated cells such as kidney and testis. Essential for male fertility, spermiogenesis and sperm flagella formation. Plays a role in the early development of the kidney. May be involved in the regulation of ureteric bud initiation (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:

~20.5 kDa

Swiss-Prot:

Q9BW83

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 IFT27 protein

DATA:

Note:

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

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