

DZIP1 polyclonal antibody

Catalog: BS32486

Host: Rabbit

Reactivity: Human

BackGround:

Cilium assembly protein DZIP1: Molecular adapter that recruits protein complexes required for cilium assembly and function to the cilium basal body. At the exit of mitosis, localizes to the basal body and ciliary base of the forming primary cilium where it recruits and activates RAB8A to direct vesicle-mediated transport of proteins to the cilium (By similarity). Also recruits the BBSome, a complex involved in cilium biogenesis, by bridging it to PCM1 at the centriolar satellites of the cilium. It is also required for the recruitment to the cilium basal body of the intraflagellar transport (IFT) machinery as well as the ciliary appendage proteins CEP164 and NINEIN (By similarity). Functions as a regulator of Hedgehog signaling both through its role in cilium assembly but also probably through its ability to retain GLI3 within the cytoplasm (By similarity). It is involved in spermatogenesis through its role in org...

Product:

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

Molecular Weight:

~98.7 kDa

Swiss-Prot:

Q86YF9

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000), IHC (1/50 - 1/200), FC (1/10 - 1/50)

Storage&Stability:

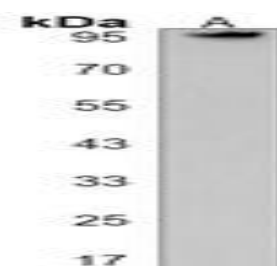
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

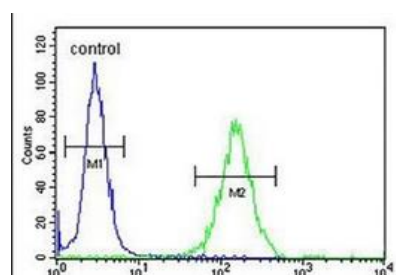
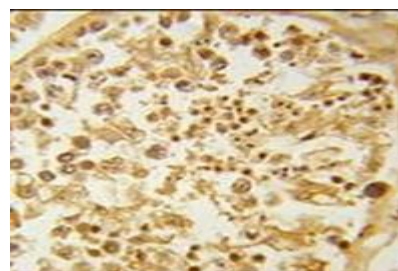
Specificity:

Recognizes endogenous levels of DZIP1 protein.

DATA:



Western blot analysis of CD4 expression in THP1 (A), mouse spleen (B) whole cell lysates.



Note:

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

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