TULP3 polyclonal antibody

Catalog: BS35853 Host: Rabbit Reactivity: Human, Mouse

BackGround:

Tubby-related protein 3: Protein-protein adapter that drives transport of G protein-coupled receptors into primary cilia by mediating association between the intraflagellar transport complex A (IFT-A) and G protein-coupled receptors FFAR4, GPR45 and GPR161 . Acts as a negative regulator of the Shh signaling by promoting trafficking of GPR161 to cilia . During adipogenesis, regulates ciliary trafficking of FFAR4 in preadipocytes . Promotes transport of GPR45 into primary cilia of neurons in paraventricular nucleus (PVN) of the hypothalamus (By similarity). Binds to phosphorylated inositide (phosphoinositide) lipids; both IFT-A- and phosphoinositide-binding properties are required to regulate ciliary G protein-coupled receptor trafficking . Besides its role in cilium localization, acts as a regulator of AMP-activated protein kinase (AMPK) activity in response to calorie restriction: binds lithocholic acid, a me...

Product:

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

Molecular Weight:

~49.6 kDa

Swiss-Prot:

O75386

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

Storage&Stability:

Store at 4℃ short term. Aliquot and store at -20℃ long term. Avoid freeze-thaw cycles.

Specificity:

Recognizes endogenous levels of TULP3 protein

DATA:

Western blot analysis of CD186 expression in HEK293T (A), Raw264.7 (B), H9C2 (C) whole cell lysates.

Immunohistochemical analysis of CD186 staining in human pancreas formalin fixed paraffin embedded tissue section. The section was pre-treated using heat mediated antigen retrieval with sodium citrate buffer (pH 6.0). The section was then incubated with the antibody at room temperature and detected using an HRP conjugated compact polymer system. DAB was used as the chromogen. The section was then counterstained with haematoxylin and mounted with DPX.

Note:

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

Bioworld Technology, Inc.
Add: 1660 South Highway 100, Suite 500 St. Louis Park, MN 55416,USA.
Email: info@bioworlde.com
Tel: 6123263284
Fax: 6122933841

Bioworld technology, co. Ltd.
Add: No 9, weidi road Qixia District Nanjing, 210046, P. R. China.
Email: info@biogot.com
Tel: 0086-025-68037686
Fax: 0086-025-68035151