

Beta tubulin cofactor D Rabbit pAb

Catalog Number: bs-7849R

Target Protein: Beta tubulin cofactor D

Concentration: 1mg/ml

Form: Liquid

Host: Rabbit

Clonality: Polyclonal

Isotype: IgG

Applications: WB (1:500-2000)

Reactivity: Mouse (predicted:Human, Rat, Rabbit, Chicken)

Predicted MW: 133 kDa

Entrez Gene: 6904

Swiss Prot: Q9BTW9.2

Source: KLH conjugated synthetic peptide derived from human TBCD/Beta tubulin cofactor D: 401-500/1192.

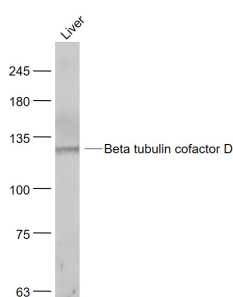
Purification: affinity purified by Protein A

Storage: 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol.

Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.

Background: Tubulin-folding protein; involved in the first step of the tubulin folding pathway. Modulates microtubule dynamics by capturing GTP-bound beta-tubulin (TUBB). Acts as a GTPase-activating protein (GAP) for ARL2. Its ability to interact with beta tubulin is regulated via its interaction with ARL2. Induces microtubule disruption in absence of ARL2. Increases degradation of beta tubulin, when overexpressed in polarized cells. Promotes epithelial cell detachment, a process antagonized by ARL2. Induces tight adherens and tight junctions disassembly at the lateral cell membrane.

VALIDATION IMAGES



Sample: Liver (Mouse) Lysate at 40 ug
Primary: Anti- Beta tubulin cofactor D (bs-7849R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 133 kD
Observed band size: 133 kD