TRAPPC5 polyclonal antibody

Catalog: BS61465 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

TRAPPC5 (trafficking protein particle complex 5), also known as TRS31, is a 181 amino acid protein belonging to the TRAPP (transport protein particle) small subunits family and the BET3 subfamily. Encoded by a gene that maps to human chromosome 19p13.2, TRAPPC5 is part of the multisubunit TRAPP tethering complex,which acts as a GTP exchange factor. Evolutionarily conserved, TRAPPC5 plays a role in protein binding,vesicle-mediated transport and nucleotide exchange stimulation. TRAPPC5 also performs guanine nucleotide exchanger factor (GEF) functions both in vitro and in vivo.Localizing to the Golgi apparatus, TRAPPC5 is essential for endoplasmic reticulum(ER)-to-Golgi and intra-Golgi vesicle trafficking in yeast, aswell as additional transport events in mammals,such as post--Golgi trafficking.

Product:

1 mg/ml in Phosphate buffered saline (PBS) with 0.05% sodium azide, approx. pH 7.3.

Molecular Weight:

~ 20 kDa

Swiss-Prot:

Q8IUR0

Purification&Purity:

The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen and the purity is > 95% (by SDS-PAGE).

Applications:

WB: 1:500~1:1000

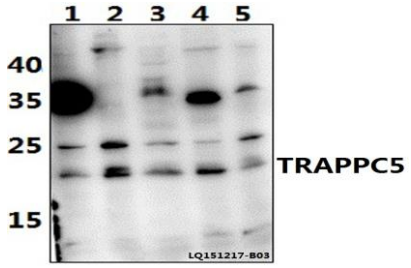
Storage&Stability:

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

Specificity:

TRAPPC5 polyclonal antibody detects endogenous levels of TRAPPC5 protein.

DATA:



Western blot (WB) analysis of TRAPPC5 polyclonal antibody at 1:500 dilution

Lane1:H9C2 whole cell lysate(40ug)

Lane2:HEK293T whole cell lysate(40ug)

Lane3:NIH-3T3 whole cell lysate(40ug)

Lane4:PC12 whole cell lysate(40ug)

Lane5:Hela whole cell lysate(40ug)

Note:

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

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