

ATPBD3 (G318) polyclonal antibody

Catalog: BCP00257

Host: Rabbit

Reactivity: Human,Mouse,Rat

BackGround:

Cytoplasmic tRNA 2-thiolation protein 1, plays a central role in 2-thiolation of mcm5S2U at tRNA wobble positions of tRNA(Lys), tRNA(Glu) and tRNA(Gln). Directly binds tRNAs and probably acts by catalyzing adenylation of tRNAs, an intermediate required for 2-thiolation. It is unclear whether it acts as a sulfurtransferase that transfers sulfur from thiocarboxylated URM1 onto the uridine of tRNAs at wobble position.

Product:

Rabbit IgG, 1mg/ml in PBS with 0.02% sodium azide, 50% glycerol, pH7.2

Molecular Weight:

~ 36 kDa

Swiss-Prot:

Q7Z7A3

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:

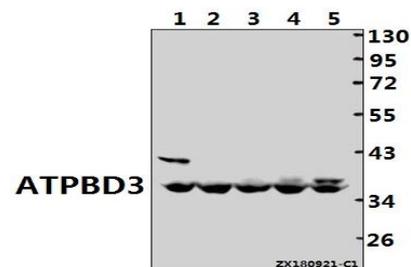
Store at 4 °C short term. Aliquot and store at -20 °C long

term. Avoid freeze-thaw cycles.

Specificity:

ATPBD3 (G318) polyclonal antibody detects endogenous levels of ATPBD3 protein.

DATA:



Western blot (WB) analysis of ATPBD3 (G318) polyclonal antibody at 1:500 dilution

Lane1:CT26 whole cell lysate(40ug)

Lane2:PC12 whole cell lysate(40ug)

Lane3:A375 whole cell lysate(40ug)

Lane4:HEK293T whole cell lysate(40ug)

Lane5:HCT116 whole cell lysate(40ug)

Note:

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