ATP5L2 polyclonal antibody

Catalog: BS61614 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

Mitochondrial membrane ATP synthase (F(1)F(0) ATP synthase or Complex V) produces ATP from ADP in the presence of a proton gradient across the membrane which is generated by electron transport complexes of the respiratory chain. F-type ATPases consist of two structural domains, F(1) - containing the extramembraneous catalytic core, and F(0) - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP synthesis in the catalytic domain of F(1) is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F(0) domain. Minor subunit located with subunit a in the membrane.

Product:

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

Molecular Weight:

~ 20 kDa

Swiss-Prot:

Q7Z4Y8

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:

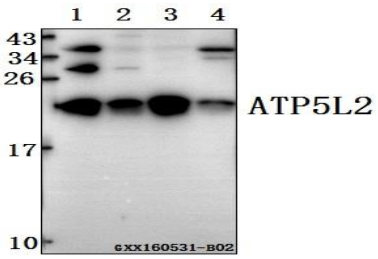
Store at 4℃ short term. Aliquot and store at -20℃ long term.

Avoid freeze-thaw cycles.

Specificity:

ATP5L2 polyclonal antibody detects endogenous levels of ATP5L2 protein.

DATA:



Western blot (WB) analysis of ATP5L2 polyclonal antibody at 1:500 dilution

Lane1:C6 whole cell lysate(40ug)

Lane2:U-87MG whole cell lysate(40ug)

Lane3:The Liver tissue lysate of Mouse(40ug)

Lane4:The Liver tissue lysate of Rat(40ug)

Note:

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

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