



PRODUCT DATA SHEET

Bioworld Technology, Inc.

ATP5E polyclonal antibody

Catalog: BS32628

Host: Rabbit

Reactivity: Human

BackGround:

ATP synthase F(1) complex subunit epsilon, mitochondrial: Subunit epsilon, of the mitochondrial membrane ATP synthase complex (F(1)F(0) ATP synthase or Complex V) that 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. ATP synthase complex consist of a soluble F(1) head domain - the catalytic core - and a membrane F(1) domain - the membrane proton channel. These two domains are linked by a central stalk rotating inside the F(1) region and a stationary 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 (Probable). In vivo, can only synthesize ATP although its ATP hydrolase activity can be activated artificially in vitro (By similarity). May be essential for the assembly of F(1) and may play an important role in the inco...

Product:

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

Molecular Weight:

~8.40 kDa

Swiss-Prot:

P56381

Purification&Purity:

The antibody was purified by immunogen affinity chromatography.

Applications:

WB (1/500 - 1/1000)

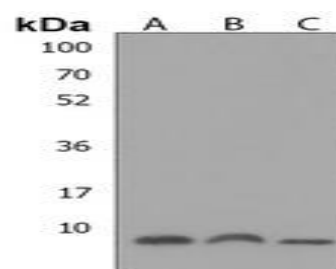
Storage&Stability:

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

Specificity:

Recognizes endogenous levels of ATP5E protein.

DATA:



Western blot analysis of LAMTOR5 expression in MCF7 (A) whole cell lysates.

Note:

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

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