

**ATP6V1F polyclonal antibody**

Catalog: BS33102

Host: Rabbit

Reactivity: Human, Mouse, Rat

BackGround:

V-type proton ATPase subunit F: Subunit of the V1 complex of vacuolar(H⁺)-ATPase (V-ATPase), a multisubunit enzyme composed of a peripheral complex (V1) that hydrolyzes ATP and a membrane integral complex (V0) that translocates protons. V-ATPase is responsible for acidifying and maintaining the pH of intracellular compartments and in some cell types, is targeted to the plasma membrane, where it promotes acidification of the extracellular environment (By similarity). The V-ATPase complex also acts as an activator for mTORC1 on lysosomal membrane by promoting the guanine nucleotide exchange factor (GEF) of the Ragulator complex, thereby enabling mTORC1 recruitment

Product:

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

Molecular Weight:

~13.4 kDa

Swiss-Prot:

Q16864

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 ATP6V1F protein

DATA:

Western blot analysis of Nibrin expression in MCF7 (A), A549 (B), PC3 (C), mouse liver (D) whole cell lysates.

Note:

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

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