ATP5H (D146) polyclonal antibody

Catalog: BCP00255 Host: Rabbit Reactivity: Human,Mouse,Rat

BackGround:

ATP5H (ATP synthase, H+ transporting, mitochondrial Fo complex, subunit δ), also known as ATPQ, is a 161 amino acid protein that belongs to the ATPase δ subunit family. F-type ATPases, such as ATP5H, consist of two linked components: CF1, a soluble catalytic core that consists of five different subunits (α, β, γ, δ and ε), and CF0, a membrane proton channel that contains nine subunits (α, β, χ, δ, ε, φ, γ, F6 and 8). ATP5H encodes the δ subunit of the F0 complex. ATP5H 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. Localizing to mitochondrial inner membrane,

Product:

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

Molecular Weight:

~ 18 kDa

Swiss-Prot:

O75947

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

IHC: 1:50~1:200

IP: 1:10~1:100

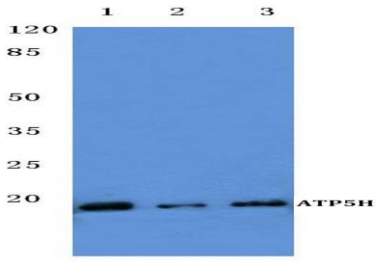
Storage&Stability:

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

Specificity:

ATP5H (D146) polyclonal antibody detects endogenous levels of ATP5H protein.

DATA:



Western blot (WB) analysis of ATP5H (D146) pAb at 1:500 dilution

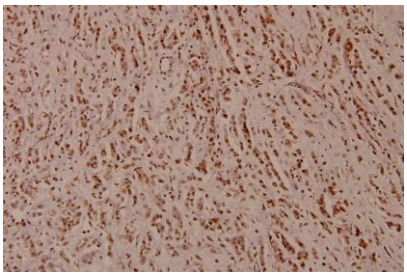
Lane1:Hela whole cell lysate(40ug)

Lane2:MCF-7 whole cell lysate(40ug)

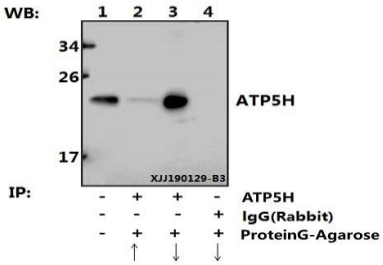
Lane3:H1792 whole cell lysate(40ug)

Lane4:C6 whole cell lysate(40ug)

Lane5:AML-12 whole cell lysate(40ug)



Immunohistochemistry (IHC) analyzes of ATP5H (D146) pAb in paraffin-embedded human breast carcinoma tissue at 1:100.



Immunoprecipitation of HEK293T cell lysate using ATP5H (D146) polyclonal antibody (Sepharose Bead Conjugate) #BD0048(lane 2 and lane 3) and Nonspecific IgG Control (Sepharose Bead Conjugate) #BD0048 (lane 4).Lane 1 is 30% input.The western blot was probed using ATP5H (D146). “↑”（supernatant）; “↓(deposition）

Note:

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

Complex biotech, co. Ltd.
Add：No 9, weidi road Qixia District Nanjing, 210046, P. R. China.