

anti- ATP5H antibody

Product Information

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|---------------|---|
| Catalog No.: | CAF50465 |
| Size: | 100µg |
| Form: | liquid |
| Purification: | Immunogen affinity purified |
| Purity: | ≥95% as determined by SDS-PAGE |
| Host: | Rabbit |
| Clonality: | polyclonal |
| Clone ID: | None |
| IsoType: | IgG |
| Storage: | PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20°C for 12 months (Avoid repeated freeze / thaw cycles.) |

Background

Mitochondrial membrane ATP synthase(F1)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 and the peripheral stalk, which acts as a stator to hold the catalytic alpha(3)beta(3) subcomplex and subunit a/ATP6 static relative to the rotary elements.

Immunogen information

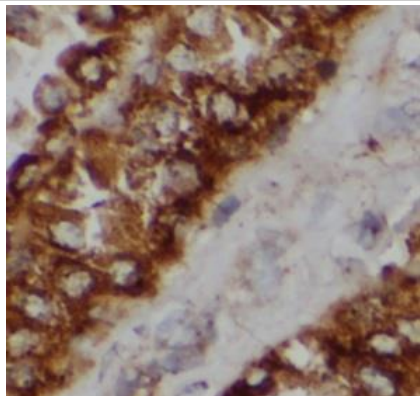
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|--------------|--|
| Immunogen: | ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit d |
| Synonyms: | ATP5H, ATP5JD, ATPase subunit d, ATPQ |
| Observed MW: | 19-22 kDa |
| Uniprot ID : | O75947 |

Application

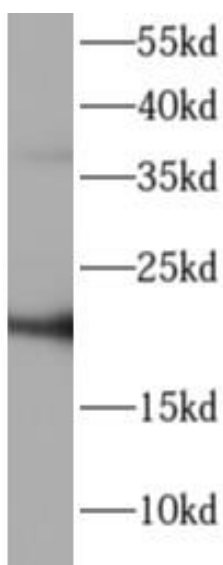
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|-----------------------|-----------------------------------|
| Reactivity: | Human, Mouse |
| Tested Application: | ELISA, WB, IHC |
| Recommended dilution: | WB: 1:500-1:2000; IHC: 1:50-1:500 |
| Image: | |

This Antibody is for Research Use Only. Not for Diagnostic Procedures.

This is a sample Antibody manual only. Always refer to the hard copy manual included in the Antibody for your experiment.



Immunohistochemistry of paraffin-embedded human kidney using CAF50465(ATP5H antibody) at dilution of 1:100



A549 cells were subjected to SDS PAGE followed by western blot with CAF50465(ATP5H antibody) at dilution of 1:1000