# ATP5D Antibody, FITC conjugated

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| **Product Code** | CSB-PA00635C0Rb |
| **Storage** | Upon receipt, store at -20°C or -80°C. Avoid repeated freeze. |
| **Uniprot No.** | P30049 |
| **Immunogen** | Recombinant Human ATP synthase subunit delta, mitochondrial protein (44-553AA) |
| **Raised In** | Rabbit |
| **Species Reactivity** | Human |
| **Tested Applications** | ELISA |
| **Relevance** | Mitochondrial membrane ATP synthase (F1F0 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, F1 - containing the extramembraneous catalytic core, and F0 - containing the membrane proton channel, linked together by a central stalk and a peripheral stalk. During catalysis, ATP turnover in the catalytic domain of F1 is coupled via a rotary mechanism of the central stalk subunits to proton translocation. Part of the complex F1 domain and of the central stalk which is part of the complex rotary element. Rotation of the central stalk against the surrounding alpha3beta3 subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits. |
| **Form** | Liquid |
| **Conjugate** | FITC |
| **Storage Buffer** | Preservative: 0.03% Proclin 300<br>Constituents: 50% Glycerol, 0.01M PBS, PH 7.4 |
| **Purification Method** | >95%, Protein G purified |
| **Isotype** | IgG |
| **Clonality** | Polyclonal |
| **Alias** | ATP synthase subunit delta, mitochondrial (F-ATPase delta subunit), ATP5D |
| **Species** | Homo sapiens (Human) |
| **Research Area** | Tags & Cell Markers |
| **Target Names** | ATP5D |