

## ATP5L2 Polyclonal Antibody

<b>Catalog No :</b>	YT0409
<b>Reactivity :</b>	Human
<b>Applications :</b>	WB;IF;ELISA
<b>Target :</b>	ATP5L2
<b>Gene Name :</b>	ATP5L2
<b>Protein Name :</b>	ATP synthase subunit g 2 mitochondrial
<b>Human Gene Id :</b>	267020
<b>Human Swiss Prot No :</b>	Q7Z4Y8
<b>Immunogen :</b>	The antiserum was produced against synthesized peptide derived from human ATP5L2. AA range:51-100
<b>Specificity :</b>	ATP5L2 Polyclonal Antibody detects endogenous levels of ATP5L2 protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500 - 1:2000. IF 1:200 - 1:1000. ELISA: 1:40000. Not yet tested in other applications.
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)
<b>Observed Band :</b>	20kD
<b>Background :</b>	function:Mitochondrial membrane ATP synthase (F(1)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. Minor subunit located with subunit a in the membrane.,similarity:Belongs to the ATPase g subunit family.,subunit:F-type ATPases have 2 components, CF(1) - the catalytic core - and CF(0) - the membrane proton channel. CF(0) seems to have nine subunits: a, b, c, d, e, f, g, F6 and 8 (or A6L).,

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**Function :**

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**Subcellular Location :**

Mitochondrion membrane .

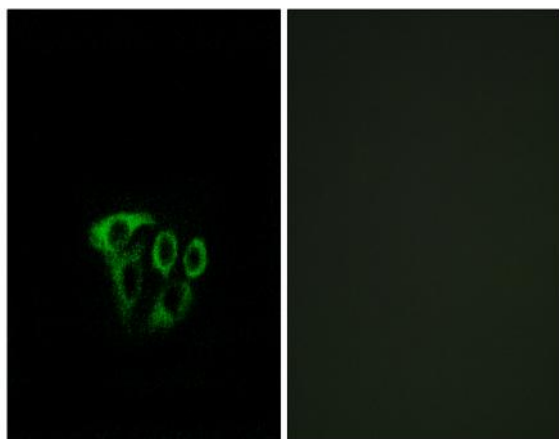
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**Expression :**

Liver,

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## Products Images



Immunofluorescence analysis of A549 cells, using ATP5L2 Antibody. The picture on the right is blocked with the synthesized peptide.

