



ATP5L2 Monoclonal Antibody

Catalog No	YP-mAb-16392
Isotype	IgG
Reactivity	Human;Mouse;Rat
Applications	WB
Gene Name	ATP5L2
Immunogen	The antiserum was produced against synthesized peptide derived from human ATP5L2. AA range:51-100
Specificity	ATP5L2 Monoclonal Antibody detects endogenous levels of ATP5L2 protein.
Formulation	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source	Monoclonal, Mouse,IgG
Purification	The antibody was affinity-purified from mouse antiserum by affinity-chromatography using epitope-specific immunogen.
Dilution	WB 1:500-1:2000
Concentration	1 mg/ml
Purity	≥90%
Storage Stability	-20°C/1 year
Synonyms	AT5L2_HUMAN;ATP synthase H ⁺ transporting mitochondrial F complex subunit G2 pseudogene;ATP synthase H ⁺ transporting mitochondrial F1F subunit g;ATP synthase H ⁺ transporting mitochondrial Fo complex subunit G2;ATP synthase subunit g 2;ATP synthase subunit g 2 mitochondrial;ATP5K2;ATP5L2;ATPase subunit g 2;mitochondrial
Observed Band	20kD
Calculated Molecular Weight	20kD
Cell Pathway	Mitochondrion membrane .
Tissue Specificity	Liver,
Function	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,

Background

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matters needing attention

Avoid repeated freezing and thawing!

Usage suggestions

This product can be used in immunological reaction related experiments. For more information, please consult technical personnel.

Products Images

Western Blot analysis of various cells using ATP5L2 Monoclonal Antibody