



Rabbit Anti-Human ATP5L2 Polyclonal Antibody (CABT-B9118)

This product is for research use only and is not intended for diagnostic use.

PRODUCT INFORMATION

Product Overview	Rabbit Polyclonal to ATP5L2.
Specificity	This antibody detects endogenous levels of ATP5L2 protein.
Target	ATP5L2
Immunogen	Synthesized peptide derived from human ATP5L2 (Internal)
Isotype	IgG
Source/Host	Rabbit
Species Reactivity	Human
Purification	This antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
Conjugate	Unconjugated
Applications	WB, IF, ELISA
Molecular Weight	20 kDa
Format	Liquid
Concentration	Lot specific
Size	100 µl, 200 µl
Buffer	PBS containing 50% glycerol and 0.5% BSA

Preservative	0.02% Sodium Azide
Storage	Store at -20°C, and avoid repeat freeze-thaw cycles.

BACKGROUND

Introduction	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.
Keywords	ATP5L2;ATP synthase, H+ transporting, mitochondrial Fo complex, subunit G2;ATP5K2;ATP synthase subunit g 2, mitochondrial;ATPase subunit g 2;ATP synthase, H+ transporting, mitochondrial F1F0, subunit g;ATP synthase, H+ transporting, mitochondrial F0 complex, subunit G2 pseudogene;

GENE INFORMATION

Entrez Gene ID	267020
UniProt ID	Q7Z4Y8