

ATP5EP2 Antibody (Center)

Catalog_no :	AB3478
Reactivity :	H
Category :	抗原抗体
Size :	100 μ L/50 μ L
Immunogen :	HUMAN
Specificity :	This ATP5EP2 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 19-52 amino acids from the Central region of human ATP5EP2.
Dilution :	WB,1:2000;
Other_name :	ATP synthase subunit epsilon-like protein, mitochondrial, ATP5EP2
Isotype :	Rabbit Ig
Background :	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(1) domain and of the central stalk which is part of the complex rotary element. Rotation of the central stalk against the surrounding alpha(3)beta(3) subunits leads to hydrolysis of ATP in three separate catalytic sites on the beta subunits (By similarity).
reference :	Dunham A.,et al.Nature 428:522-528(2004).