

PRODUCT DATA SHEET

AT5EL rabbit pAb

Catalog No.	IPB12175
Reactivity	Human; Mouse; Rat
Applications	WB
Dilution	WB: 1:1000-2000
Gene Name	ATP5EP2
Protein Name	ATP synthase subunit epsilon-like protein, mitochondrial
Human Gene Id	-
Swiss-Prot	Q5VTU8
Formulation	Liquid in PBS containing 50% glycerol, 05% BSA and 002% sodium azide
Source	Rabbit
Purification	The antibody was affinity-purified from rabbit serum by affinity-
	chromatography using specific immunogen
Concentration	1 mg/ml
Storage&Stability	-20°C/1 year
Subcellular Location	Mitochondrion inner membrane
MW	5610
Background	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 synthesis 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 (By similarity)

Products Images: