ATP5PD antibody

Product Information

Catalog No.:	FNab10033
Size:	100μg
Form:	liquid
Purification:	Immunogen affinity purified
Purity:	≥95% as determined by SDS-PAGE
Host:	Rabbit
Clonality:	polyclonal
Clone ID:	None
IsoType:	IgG
Storage:	PBS with 0.02% sodium azide and 50% glycerol pH 7.3, -20℃ for 12 months(Avoid repeated freeze / thaw cycles.)

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(0) domain and the peripheric stalk, which acts as a stator to hold the catalytic alpha(3)beta(3) subcomplex and subunit a/ATP6 static relative to the rotary elements.

Immunogen information

Immunogen:	ATP synthase, H+ transporting, mitochondrial F0 complex, subunit d
Synonyms:	ATP synthase subunit d, mitochondrial (ATPase subunit d)|ATP synthase peripheral stalk subunit d|ATP5PD|ATP5H
Observed MW:	19-22 kDa
Uniprot ID :	O75947

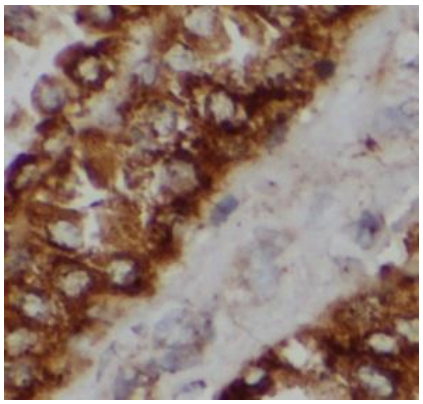
Application

Reactivity:	Human, Mouse

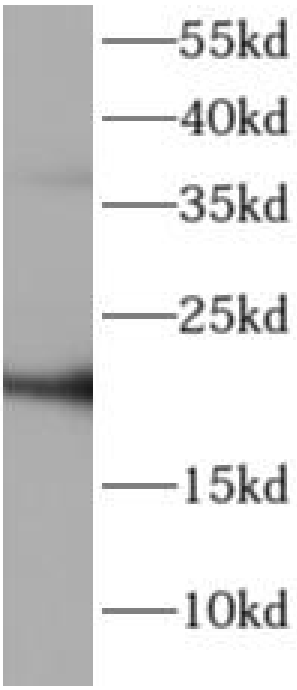
Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:50-1:500

Image:



Immunohistochemistry of paraffin-embedded human kidney using FNab10033(ATP5H antibody) at dilution of 1:100



A549 cells were subjected to SDS PAGE followed by western blot with FNab10033(ATP5H antibody) at dilution of 1:1000