

anti- ATP5H antibody

Product Information

Catalog No.:	FNab00709
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°C 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 peripheral 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:	ATP5H, ATP5JD, ATPase subunit d, ATPQ
Observed MW:	19-22 kDa
UniprotID :	O75947

Application

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Wuhan Fine Biotech Co., Ltd.

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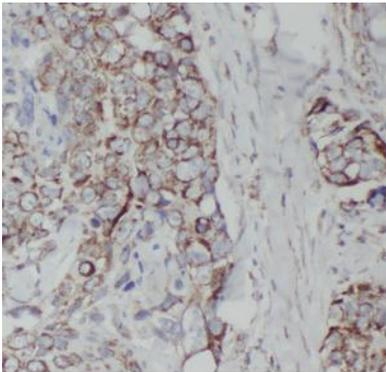
Fax: (0086)027-87800889 www.fn-test.com

Reactivity: Human, Mouse, Rat

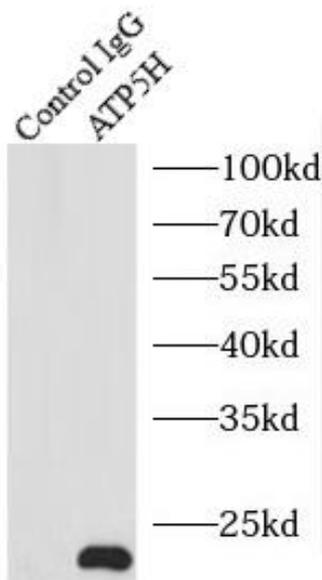
Tested Application: ELISA, IHC, IF, WB, IP

Recommended dilution: WB: 1:500-1:2000; IP: 1:500-1:2000; IHC: 1:20-1:200; IF: 1:10-1:100

Image:



Immunohistochemistry of paraffin-embedded human lung cancer using FNab00709(ATP5H antibody) at dilution of 1:100



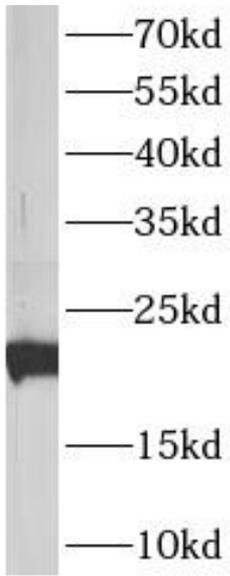
IP Result of anti-ATP5H (IP:FNab00709, 3ug; Detection:FNab00709 1:2000) with mouse liver tissue lysate 6000ug.

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Jurkat cells were subjected to SDS PAGE followed by western blot with FNab00709(ATP5H antibody) at dilution of 1:3000