

anti- ATP5J antibody

Product Information

Catalog No.:	FNab00711
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. Also involved in the restoration of oligomycin-sensitive ATPase activity to depleted F1-F0 complexes.

Immunogen information

Immunogen:	ATP synthase, H ⁺ transporting, mitochondrial F0 complex, subunit F6
Synonyms:	ATP5A, ATPM
Observed MW:	9 kDa
UniprotID :	P18859

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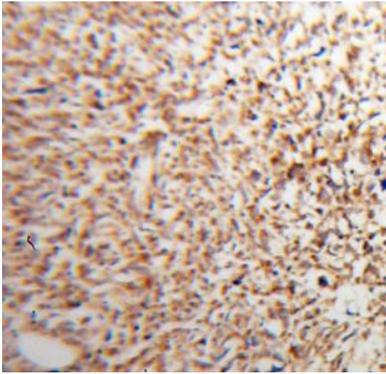
Application

Reactivity: Human, Mouse, Rat

Tested Application: ELISA, WB, IHC

Recommended dilution: WB: 1:500-1:2000; IHC: 1:20-1:200

Image:



Immunohistochemistry of paraffin-embedded human osteosarcoma using FNab00711(ATP5J antibody) at dilution of 1:100



human brain tissue were subjected to SDS PAGE followed by western blot with FNab00711(ATP5J antibody) at dilution of 1:800

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