BOSTER BIOLOGICAL TECHNOLOGY
3942 B Valley Ave, Pleasanton, CA 94566
888-466-3604 | support@bosterbio.com | www.bosterbio.com

Anti-ATP5F1 Antibody (Center)

Catalog Number: A32374-1

About ATP5PB

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.

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Overview

Product Name	Anti-ATP5F1 Antibody (Center)
Reactive Species	Human, Mouse, Rat
Description	Boster Bio Anti-ATP5F1 Antibody (Center) (Catalog # A32374-1). Tested in WB application(s). This antibody reacts with Human, Mouse, Rat.
Application	WB
Clonality	Polyclonal
Formulation	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide.
Storage Instructions	Maintain refrigerated at 2-8°C for up to 2 weeks. For long-term storage, store at -20°C in small aliquots to prevent freeze-thaw cycles.
Host	Rabbit
Uniprot ID	P24539

Technical Details

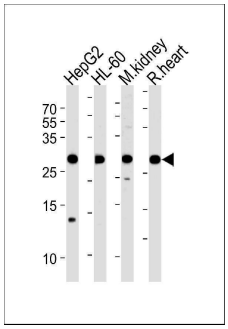
Immunogen	This ATP5F1 antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 161-195 amino acids from the Central region of human ATP5F1.
Predicted Reactive Species	Monkey

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Isotype	Rabbit IgG
Purification	This antibody is purified through a protein A column, followed by peptide affinity purification.
Suggested Dilutions	WB: 1:1000

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Anti-ATP5F1 Antibody (Center) (A32374-1) Images



ATP5F1 Antibody (Center) western blot analysis in HepG2,HL-60 cell line,mouse kidney and rat heart tissue lysates (35ug/lane).This demonstrates the ATP5F1 antibody detected the ATP5F1 protein (arrow).

Anti-ATP5F1 Antibody (Center)

For Research Use Only. Not for use in diagnostic procedures.