

ATP6V1A Polyclonal Antibody

Product Details	
Size	100 µL
Species Reactivity	Human
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	Recombinant Human V-ATPase A
Form	Liquid
Concentration	0.3 mg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS, pH 7.2, with 40% glycerol
Contains	0.02% sodium azide
Storage conditions	Store at 4°C short term. For long term storage, store at -20°C, avoiding freeze/thaw cycles.
RRID	AB_2662834

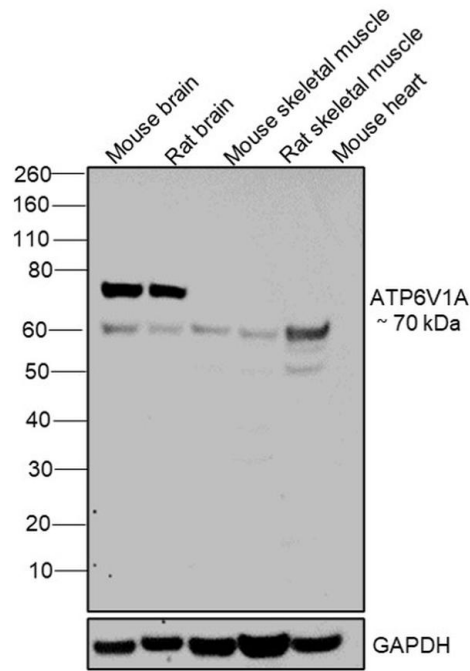
Applications	Tested Dilution	Publications
Western Blot (WB)	0.04-0.4 µg/mL	-
Immunocytochemistry (ICC/IF)	0.25-2 µg/mL	-

Product Specific Information

Immunogen sequence: YVHGVSGPVVT ACDMAGAAMY ELVRVGHSEL VGEIIRLEGD MATIQVYEET SGVSVGDPVL RTGKPLSVEL GPGIMGAIFD GIQRPLSDIS SQT

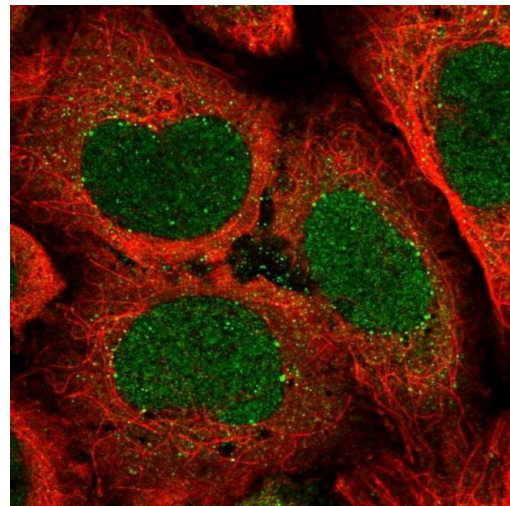
Highest antigen sequence identity to the following orthologs - mouse 100%, rat 100%.

Product Images For ATP6V1A Polyclonal Antibody



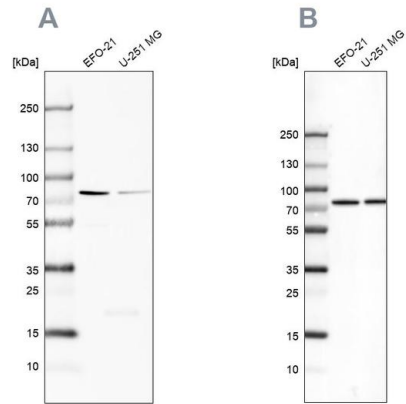
ATP6V1A Antibody (PA5-65138) in WB

Western blot was performed using Anti-ATP6V1A Polyclonal Antibody (Product # PA5-65138) and a 70 kDa band corresponding to V-type proton ATPase catalytic subunit A was observed across tissues tested. Whole cell extracts (30 µg lysate) of Mouse Brain (Lane 1), Rat Brain (Lane 2), Mouse Skeletal Muscle (Lane 3), Rat Skeletal Muscle (Lane 4), Mouse Heart (Lane 5) were electrophoresed using NuPAGE™ 4-12% Bis-Tris Protein Gel (Product # NP0322BOX). Resolved proteins were then transferred onto a nitrocellulose membrane (Product # IB23001) by iBlot® 2 Dry Blotting System (Product # IB21001). The blot was probed with the primary antibody (1:1000 Dilution) and detected by chemiluminescence with Goat anti-Rabbit IgG (Heavy Chain) Superclonal™ Recombinant Secondary Antibody, HRP (Product # A27036, 1:4000 dilution) using the iBright FL 1000 (Product # A32752). Chemiluminescent detection was performed using Novex® ECL Chemiluminescent Substrate Reagent Kit (Product # WP20005). Expression of ATP6V1A was found higher in Mouse Brain and Rat Brain as compared to Mouse Skeletal Muscle, Rat Skeletal Muscle and Mouse Heart.



ATP6V1A Antibody (PA5-65138) in ICC/IF

Immunofluorescent staining of V-ATPase an In human cell line U-2 OS shows localization to nucleus, cytosol and vesicles. Samples were probed using a V-ATPase A Polyclonal Antibody (Product # PA5-65138).



ATP6V1A Antibody (PA5-65138) in WB

Western blot analysis of V-ATPase A using V-ATPase A Polyclonal Antibody (Product # PA5-65138) (A) shows similar pattern to an independent V-ATPase A Polyclonal Antibody (B).

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