ATP5H Polyclonal Antibody

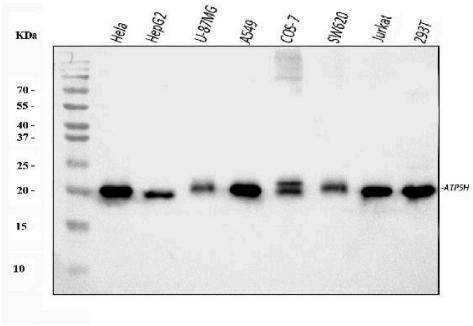
Product Details	
Size	100 µg
Species Reactivity	Human, Mouse, Non-human primate, Rat
Host/Isotype	Rabbit / IgG
Class	Polyclonal
Type	Antibody
Conjugate	Unconjugated
Immunogen	E.coli-derived human ATP5H recombinant protein (Position: A2-L161).
Form	Lyophilized
Concentration	500 µg/mL
Purification	Antigen affinity chromatography
Storage buffer	PBS with 4mg trehalose
Contains	no preservative
Storage conditions	-20°C
RRID	AB_2745956

Applications	Tested Dilution	Publications
Western Blot (WB)	0.1-0.5 µg/mL	-
Immunohistochemistry (Paraffin) (IHC (P))	2-5 µg/mL	-
Immunocytochemistry (ICC/IF)	5 µg/mL	-

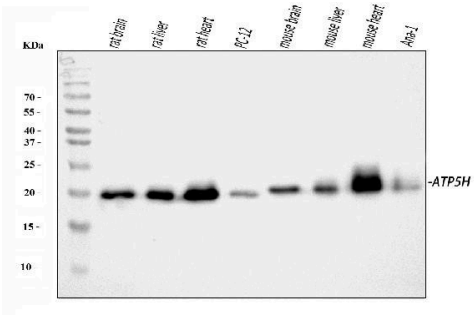
Product Specific Information

Reconstitute with 0.2 mL of distilled water to yield a concentration of 500 µg/mL.

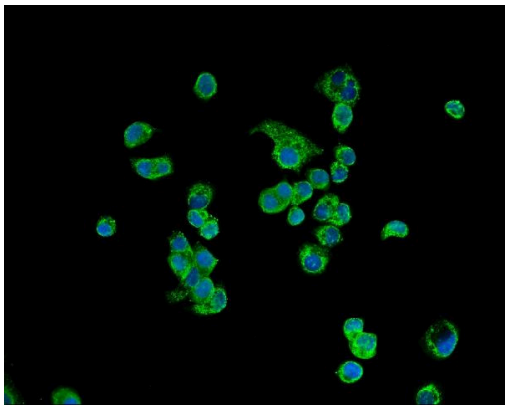
Product Images For ATP5H Polyclonal Antibody



ATP5H Antibody (PA5-78840) in WB
Western blot analysis of ATP5H in, Lane 1: human Hela whole cell lysates, Lane 2: human HepG2 whole cell lysates, Lane 3: human U-87MG whole cell lysates, Lane 4: human A549 whole cell lysates, Lane 5: monkey COS-7 whole cell lysates, Lane 6: human SW620 whole cell lysates, Lane 7: human Jurkat whole cell lysates, Lane 8: human 293T whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. The membrane was blocked with 5% non-fat milk/TBS for 1. 5 hour at RT. The membrane was incubated with ATP5H Polyclonal Antibody (Product # PA5-78840) at 0.5 g/mL overnight at 4°C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5,000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for ATP5H at approximately 22 kDa. The expected band size for ATP5H is at 22 kDa.



ATP5H Antibody (PA5-78840) in WB
Western blot analysis of ATP5H in, Lane 1: rat brain tissue lysates, Lane 2: rat liver tissue lysates, Lane 3: rat heart tissue lysates, Lane 4: rat PC-12 whole cell lysates, Lane 5: mouse brain tissue lysates, Lane 6: mouse liver tissue lysates, Lane 7: mouse heart tissue lysates, Lane 8: mouse ANA-1 whole cell lysates. Electrophoresis was performed on a 5-20% SDS-PAGE gel at 70V (Stacking gel) / 90V (Resolving gel) for 2-3 hours. The sample well of each lane was loaded with 30 µg of sample under reducing conditions. After Electrophoresis, proteins were transferred to a nitrocellulose membrane at 150 mA for 50-90 minutes. The membrane was blocked with 5% non-fat milk/TBS for 1. 5 hour at RT. The membrane was incubated with ATP5H Polyclonal Antibody (Product # PA5-78840) at 0.5 g/mL overnight at 4°C, then washed with TBS-0. 1% Tween 3 times with 5 minutes each and probed with a goat anti-rabbit IgG-HRP secondary antibody at a dilution of 1:5,000 for 1. 5 hour at RT. The signal is developed using an Enhanced Chemiluminescent detection (ECL) kit. A specific band was detected for ATP5H at approximately 22 kDa. The expected band size for ATP5H is at 22 kDa.



ATP5H Antibody (PA5-78840) in ICC/IF
Immunocytochemistry analysis of ATP5H using anti-ATP5H antibody (Product # PA5-78840) . ATP5H was detected in an immunocytochemical section of T-47D cells. Enzyme antigen retrieval was performed using IHC enzyme antigen retrieval reagent for 15 mins. The cells were blocked with 10% goat serum and then incubated with 5 g/mL rabbit anti-ATP5H antibody (Product # PA5-78840) overnight at 4°C. DyLight®488 Conjugated Goat Anti-Rabbit IgG was used as secondary antibody at 1:100 dilution and incubated for 30 minutes at 37°C. The section was counterstained with DAPI. Visualize using a fluorescence microscope and filter sets appropriate for the label used.

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