

Product datasheet for TA373830

ATP5PO Rabbit Polyclonal Antibody

Product data:

Product Type: Primary Antibodies

ICC/IF, IHC, WB **Applications:**

Recommended Dilution: WB.1:500 - 1:2000

IHC,1:100 - 1:200 IF,1:50 - 1:200

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Rabbit Host:

IgG Isotype:

Clonality: Polyclonal

Recombinant fusion protein containing a sequence corresponding to amino acids 24-213 of Immunogen:

human ATP50 (NP 001688.1).

Formulation: Buffer: PBS with 0.02% sodium azide,50% glycerol,pH7.3.

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

Store at -20°C. Avoid freeze / thaw cycles. Storage:

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 23kDa

ATP synthase, H+ transporting, mitochondrial F1 complex, O subunit Gene Name:

Database Link: Entrez Gene 539 Human

P48047

Background: The protein encoded by this gene is a component of the F-type ATPase found in the

> mitochondrial matrix. F-type ATPases are composed of a catalytic core and a membrane proton channel. The encoded protein appears to be part of the connector linking these two components and may be involved in transmission of conformational changes or proton

conductance.



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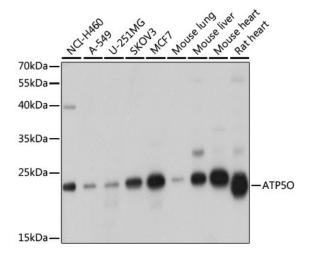
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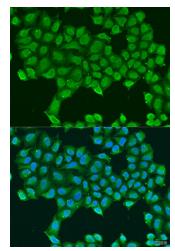


Synonyms: ATPO; OSCP

Product images:



Western blot analysis of extracts of various cell lines, using ATP5O antibody (TA373830) at 1:1000 dilution. |Secondary antibody: HRP Goat Anti-Rabbit IgG (H+L) at 1:10000 dilution. |Lysates/proteins: 25ug per lane. |Blocking buffer: 3% nonfat dry milk in TBST. |Detection: ECL Basic Kit. |Exposure time: 90s.



Immunofluorescence analysis of U2OS cells using ATP5O antibody (TA373830) at dilution of 1:100. Blue: DAPI for nuclear staining.