

Product datasheet for TA373830S

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ATP5PO Rabbit Polyclonal Antibody

Product data:

Applications:

Product Type: Primary Antibodies

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

IHC-P,1:50 - 1:200 IF/ICC,1:50 - 1:200

ELISA, ICC/IF, IHC, WB

ELISA,Recommended starting concentration is 1 μg/mL. Please optimize the concentration

based on your specific assay requirements.

Reactivity: Human, Mouse, Rat

Modifications: Unmodified

Host: Rabbit Isotype: IgG

Clonality: Polyclonal

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

Concentration: lot specific

Purification: Affinity purification

Conjugation: Unconjugated

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

Stability: Shelf life: one year from despatch.

Predicted Protein Size: 23kDa

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

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

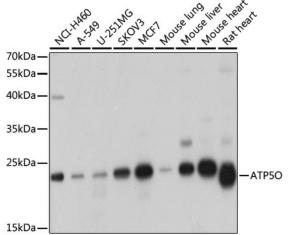
conductance.

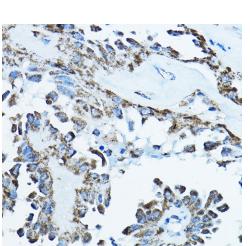
Synonyms: ATPO; OSCP





Product images:





Western blot analysis of various lysates using ATP5O Rabbit pAb ([TA373830]) at 1:1000 dilution.

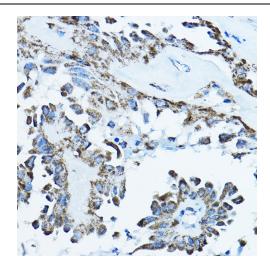
Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (AS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST.

Detection: ECL Basic Kit (RM00020).

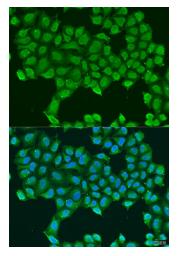
Exposure time: 90s.

Immunohistochemistry analysis of paraffinembedded Rat stomach using ATP5O Rabbit pAb ([TA373830]) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.





Immunohistochemistry analysis of paraffinembedded Human thyroid cancer using ATP50 Rabbit pAb ([TA373830]) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Bufferr (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of U2OS cells using ATP5O Rabbit pAb ([TA373830]) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (AS007) at 1:500 dilution. Blue: DAPI for nuclear staining.