

## Anti-ATP5A1 antibody (1-280) (STJ28157)

STJ28157

### GENERAL INFORMATION

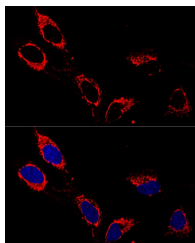
|                          |                    |
|--------------------------|--------------------|
| <b>Product Type</b>      | Primary antibodies |
| <b>Short Description</b> |                    |
| <b>Applications</b>      | WB/IF/ICC/ELISA    |
| <b>Host/Source</b>       | Rabbit             |
| <b>Reactivity</b>        | Human/Mouse/Rat    |

### PRODUCT PROPERTIES

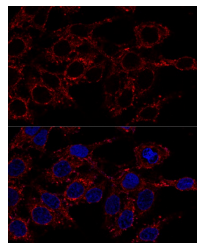
|                            |                                                                                                                                        |
|----------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| <b>Clonality</b>           | Polyclonal                                                                                                                             |
| <b>Clone ID</b>            |                                                                                                                                        |
| <b>Concentration</b>       | Lot specific                                                                                                                           |
| <b>Conjugation</b>         | Unconjugated                                                                                                                           |
| <b>Purification</b>        | Affinity purification                                                                                                                  |
| <b>Dilution</b>            | WB:1:500-1:1000                                                                                                                        |
| <b>Range</b>               | IF/ICC:1:50-1:200                                                                                                                      |
|                            | ELISA:Recommended starting concentration is 1 $\mu$ g/mL. Please optimize the concentration based on your specific assay requirements. |
| <b>Formulation</b>         | PBS with 0.09% Sodium Azide, 50% Glycerol, pH 7.3.                                                                                     |
| <b>Isotype</b>             | IgG                                                                                                                                    |
| <b>Storage Instruction</b> | Store at -20°C for up to 1 year from the date of receipt, and avoid repeat freeze-thaw cycles.                                         |

### TARGET INFORMATION

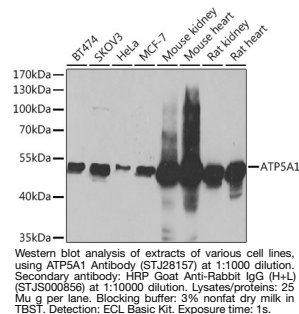
|                           |                                                                                                                                                                                                                                                          |
|---------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Gene ID</b>            | 498                                                                                                                                                                                                                                                      |
| <b>Gene Symbol</b>        | ATP5F1A                                                                                                                                                                                                                                                  |
| <b>Uniprot ID</b>         | ATPA_HUMAN                                                                                                                                                                                                                                               |
| <b>Immunogen</b>          |                                                                                                                                                                                                                                                          |
| <b>Immunogen Region</b>   | 1-280                                                                                                                                                                                                                                                    |
| <b>Specificity</b>        | Recombinant fusion protein containing a sequence corresponding to amino acids 1-280 of human ATP5A1 (NP_004037.1).                                                                                                                                       |
| <b>Immunogen Sequence</b> | MLSVRVAAAVRALPRRAGL VSRNALGSSFIAARNFHASN THLQKTGTAEMSSILEERIL GADTSVDLEETGRVLSIGDG IARVHGLRNVQAEEMVEFSS GLKGMSLNLEPDNVGVVVFV NDKLIKEGDIVKRTGAIVDV PVGEELLGRVVDALGNAIDG KGPIGSKTRRRVGLKAPGII PRISVREPMQTGIKAVDLSV PIGRGQRELIIGDRQTGKTS IAIDIINQKRFNDGSDEK |



Confocal immunofluorescence analysis of U-2OS cells using ATP5A1 antibody (STJ28157) at dilution of 1:200. Blue: DAPI for nuclear staining.



Confocal immunofluorescence analysis of HeLa cells using ATP5A1 antibody (STJ28157) at dilution of 1:200. Blue: DAPI for nuclear staining.



This product is suitable for in-vitro studies under the RESEARCH USE ONLY [RUO] licence. This product must not be used as for diagnostic or other medical purposes.

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