

ATP5L Antibody

CAB9178

Description

This ATP5L Antibody is supplied as a kit for advanced applications. The kit includes Bradford Reagent to quantify total protein concentration for accurate sample normalization (Optional).

Product Information

SKU: CAB9178
Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: ATP5L, ATP5JG
Clone: -
Applications: **WB** **IF/ICC** **ELISA**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

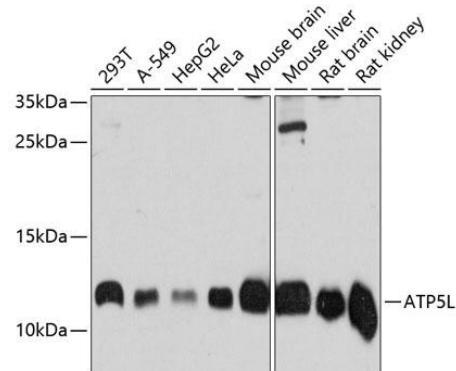
Antibody Data

Gene ID: 10632
Uniprot: AB_2768508
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 11kDa
Calculated MW: 11kDa

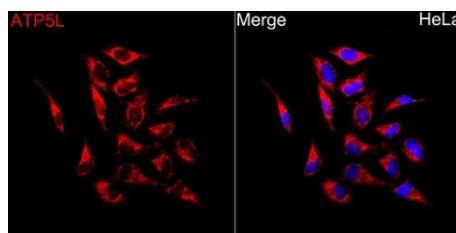
Preparation & Storage

| | | | | | | | |
|---|--|-----------|-----------------|---------------|--------------|--------------|---|
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal,50% glycerol,pH7.3. | | | | | | |
| | Store Bradford Reagent at Room Temperature for 1 Year. | | | | | | |
| Positive Sample: | 293T, A-549, HepG2, HeLa, Mouse brain, Mouse liver, Rat brain, Rat kidney | | | | | | |
| Recommended Dilutions: | <table border="1"> <tr> <td>WB</td><td>1:1000 - 1:5000</td></tr> <tr> <td>IF/ICC</td><td>1:50 - 1:200</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table> | WB | 1:1000 - 1:5000 | IF/ICC | 1:50 - 1:200 | ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. |
| WB | 1:1000 - 1:5000 | | | | | | |
| IF/ICC | 1:50 - 1:200 | | | | | | |
| ELISA | Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements. | | | | | | |
| Protein Quantification (Optional): | To quantify total protein levels, use the Bradford Reagent included in this kit. Visit https://www.assaygenie.com/bradford-protein-assay-protocol/ to view the full protocol | | | | | | |

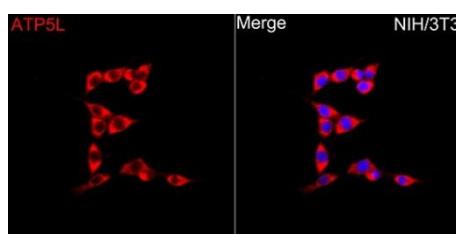
Validation Data



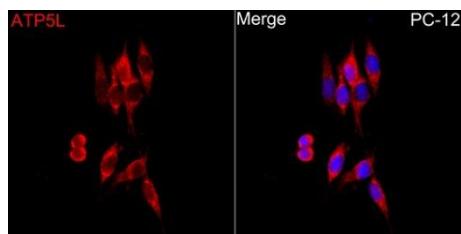
Western blot analysis of various lysates using ATP5L Rabbit pAb (CAB9178) at 1:3000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 3s.



Immunofluorescence analysis of HeLa cells using ATP5L Rabbit pAb(CAB9178) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of NIH/3T3 cells using ATP5L Rabbit pAb(CAB9178) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.



Immunofluorescence analysis of PC-12 cells using ATP5L Rabbit pAb(CAB9178) at a dilution of 1:100 (40x lens). Secondary antibody: Cy3 Goat Anti-Rabbit IgG (H+L)(CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.