

PTP4A2 Antibody

CAB15335

Description

This PTP4A2 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: CAB15335

Contents: 20 μ L, 100 μ L

Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: HH13, OV-1, PRL2, HH7-2, PRL-2, PTP4A, HU-PP-1, PTPCAAX2, ptp-IV1a, ptp-IV1b, PTP4A2

Clone: -

Applications: WB IHC-P IF/ICC ELISA

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 8073

Uniprot: AB_2762237

Host Species: Rabbit

Purification: Affinity purification

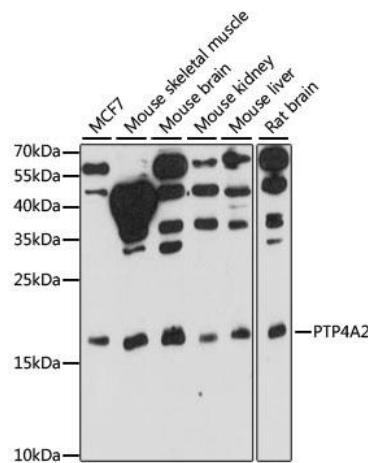
Observed MW: 19kDa

Calculated MW: 19kDa

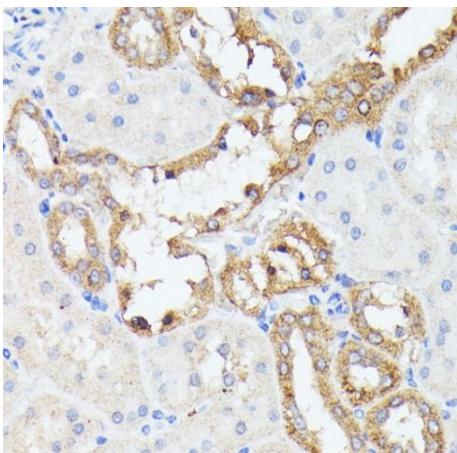
Preparation & Storage

| | | | | | | | | | |
|---|--|-----------|----------------|--------------|--------------|---------------|--------------|--------------|---|
| Storage: | Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS with 0.01% thimerosal, 50% glycerol, pH 7.3. | | | | | | | | |
| | Store Bradford Reagent at Room Temperature for 1 Year. | | | | | | | | |
| Positive Sample: | MCF7, Mouse skeletal muscle, Mouse brain, Mouse kidney, Mouse liver, Rat brain | | | | | | | | |
| Recommended Dilutions: | <table border="1"> <tr> <td>WB</td><td>1:200 - 1:2000</td></tr> <tr> <td>IHC-P</td><td>1:50 - 1:200</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 | 1:200 - 1:2000 | IHC-P | 1:50 - 1:200 | 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 | 1:200 - 1:2000 | | | | | | | | |
| IHC-P | 1:50 - 1:200 | | | | | | | | |
| 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 | | | | | | | | |

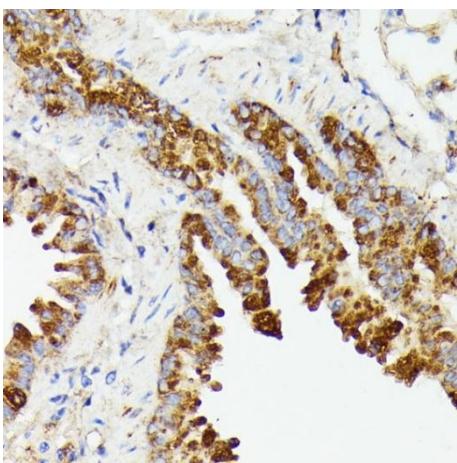
Validation Data



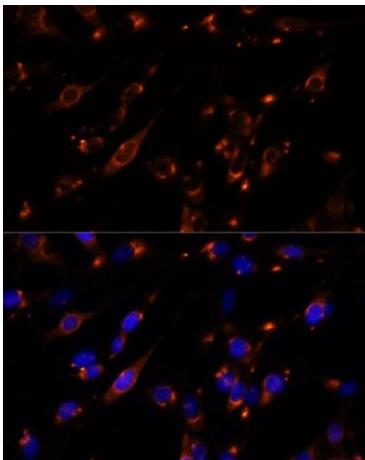
Western blot analysis of various lysates using PTP4A2 Rabbit pAb (CAB15335) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 30s.



Immunohistochemistry analysis of paraffin-embedded Rat kidney using PTP4A2 Rabbit pAb (CAB15335) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Mouse lung using PTP4A2 Rabbit pAb (CAB15335) at dilution of 1:100 (40x lens). Microwave antigen retrieval performed with 0.01M PBS Buffer (pH 7.2) prior to IHC staining.



Immunofluorescence analysis of cells using PTP4A2 Rabbit pAb (CAB15335) at dilution of 1:100. Secondary antibody: Cy3-conjugated Goat anti-Rabbit IgG (H+L) (CABS007) at 1:500 dilution. Blue: DAPI for nuclear staining.