

ACP5 Antibody

CAB2528

Description

This ACP5 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: CAB2528

Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)

Category: Polyclonal Antibody

Synonyms: HPAP, TRAP, TRAcP, TRACP5a, TRACP5b, TrATPase, ACP5

Clone: -

Applications: **WB** **IHC-P** **ELISA** **IF-P**

Conjugation: Unconjugated

Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 54

Uniprot: AB_2764419

Host Species: Rabbit

Purification: Affinity purification

Observed MW: 37kDa

Calculated MW: 37kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

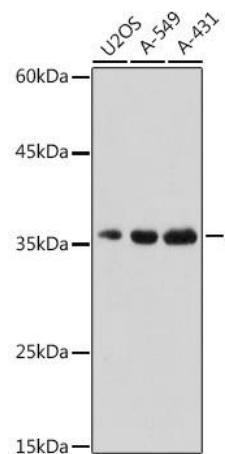
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: U2OS, A-549, A-431, Rat liver

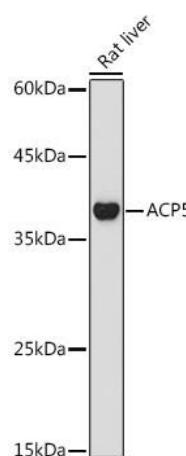
Recommended Dilutions:	<table border="1"> <tr> <td>WB</td><td>1:500 - 1:1000</td></tr> <tr> <td>IF-P</td><td>1:50 - 1:200</td></tr> <tr> <td>IHC-P</td><td>1:100 - 1:500</td></tr> <tr> <td>ELISA</td><td>Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.</td></tr> </table>	WB	1:500 - 1:1000	IF-P	1:50 - 1:200	IHC-P	1:100 - 1:500	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.
WB	1:500 - 1:1000								
IF-P	1:50 - 1:200								
IHC-P	1:100 - 1:500								
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

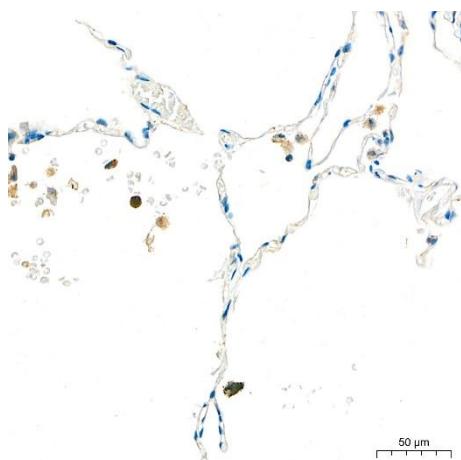
Validation Data



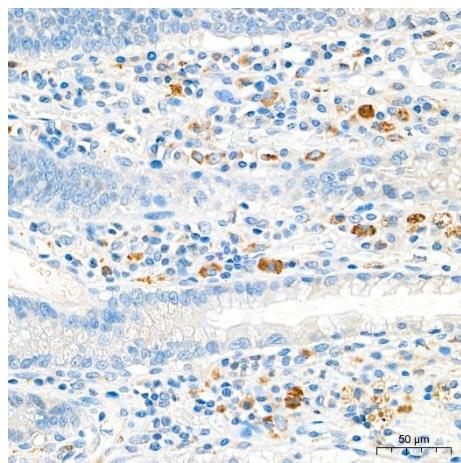
Western blot analysis of various lysates using Rabbit pAb (CAB2528) at 1:500 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



Western blot analysis of lysates from Rat liver, using Rabbit pAb (CAB2528) at 1:1000 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25 μ g per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 180s.



Immunohistochemistry analysis of paraffin-embedded Human lung tissue using Rabbit pAb (CAB2528) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human colon tissue using Rabbit pAb (CAB2528) at a dilution of 1:500 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate Buffer(pH 6.0) prior to IHC staining.