

Caveolin-1 Antibody

CAB1555

Description

This Caveolin-1 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:

CAB1555

Contents:

20 μ L, 100 μ L

Bradford Reagent: 1 vial (2ml)

Category:

Polyclonal Antibody

Synonyms:

CGL3, PPH3, BSCL3, LCCNS, VIP21, MSTP085, Caveolin-1

Clone:

-

Applications:

WB **IHC-P** **ELISA** **IF-P**

Conjugation:

Unconjugated

Reactivity:

Human, Mouse, Rat

Antibody Data

Gene ID:

857

Uniprot:

AB_2762952

Host Species:

Rabbit

Purification:

Affinity purification

Observed MW:

21kDa/24kDa

Calculated MW:

20kDa

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.

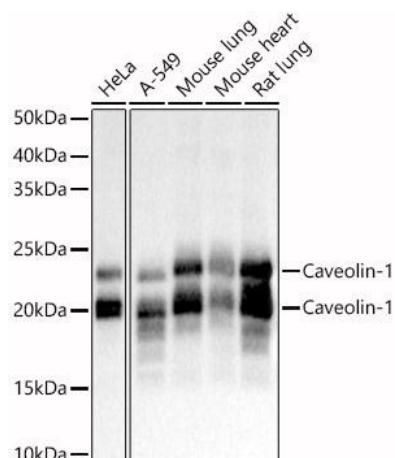
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HeLa, A-549, Mouse lung, Mouse heart, Rat lung

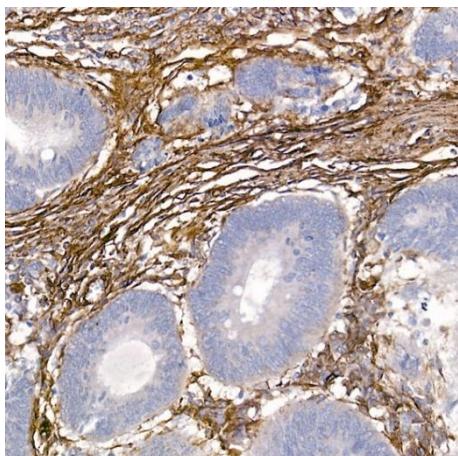
Recommended Dilutions:	WB	1:500 - 1:1000
	IF-P	1:50 - 1:200
	IHC-P	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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

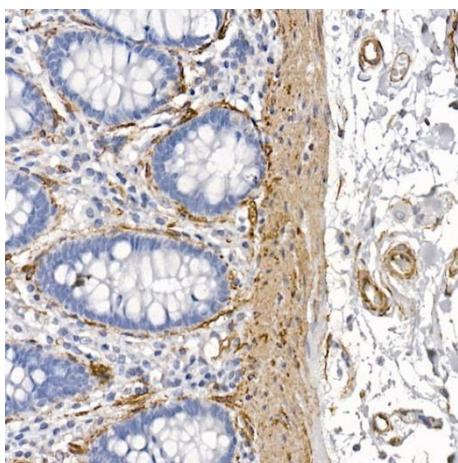
Validation Data



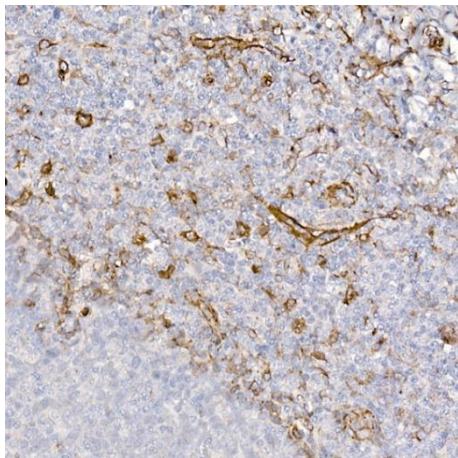
Western blot analysis of various lysates, using Caveolin-1 Rabbit pAb (CAB1555) at 1:900 dilution. Secondary antibody: HRP-conjugated Goat anti-Rabbit IgG (H+L) (CABS014) at 1:10000 dilution. Lysates/proteins: 25µg per lane. Blocking buffer: 3% nonfat dry milk in TBST. Detection: ECL Basic Kit (AbGn00020). Exposure time: 1s.



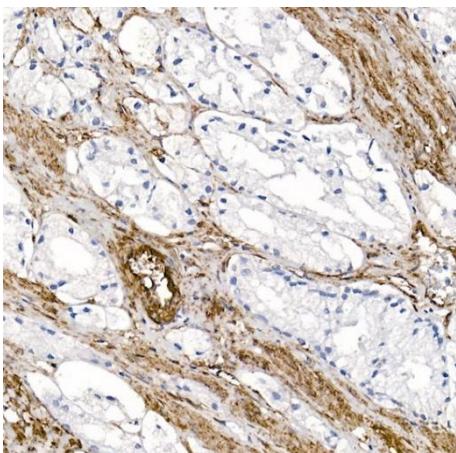
Immunohistochemistry analysis of paraffin-embedded Human colon carcinoma using Caveolin-1 Rabbit pAb (CAB1555) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



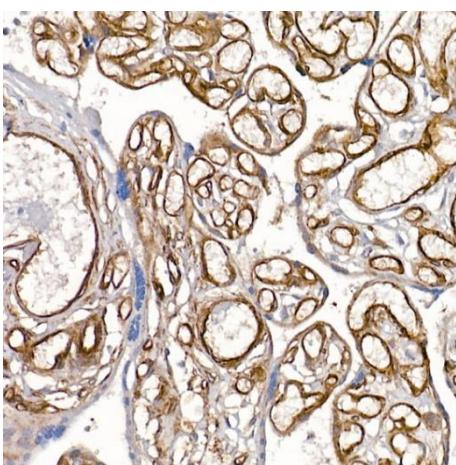
Immunohistochemistry analysis of paraffin-embedded Human colon using Caveolin-1 Rabbit pAb (CAB1555) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



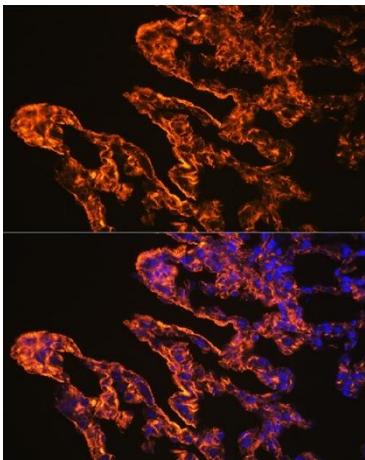
Immunohistochemistry analysis of paraffin-embedded Human tonsil using Caveolin-1 Rabbit pAb (CAB1555) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunohistochemistry analysis of paraffin-embedded Human prostate cancer using Caveolin-1 Rabbit pAb (CAB1555) at dilution of 1:100 (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 placenta using Caveolin-1 Rabbit pAb (CAB1555) at dilution of 1:100 (40x lens). High pressure antigen retrieval performed with 0.01M Citrate buffer (pH 6.0) prior to IHC staining.



Immunofluorescence analysis of paraffin-embedded Mouse lung using Caveolin-1 Rabbit pAb (CAB1555) 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.