

ACE1 Monoclonal Antibody

CAB11357

Description

This ACE1 Monoclonal 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: CAB11357
Contents: 20 µL, 100 µL
Bradford Reagent: 1 vial (2ml)
Category: Monoclonal Antibody
Synonyms: DCP, ACE1, DCP1, CD143
Clone: ARC0577
Applications: **WB** | **IP** | **ELISA**
Conjugation: Unconjugated
Reactivity: Mouse, Rat

Antibody Data

Gene ID: 1636
Uniprot: AB_2861550
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 170kDa
Calculated MW: 150kDa

Preparation & Storage

Storage: Store at -20°C. Avoid freeze / thaw cycles. Buffer: PBS containing 50% glycerol and 0.05% BSA, preserved with proclin300 or sodium azide (as specified on the Certificate of Analysis), pH 7.3.

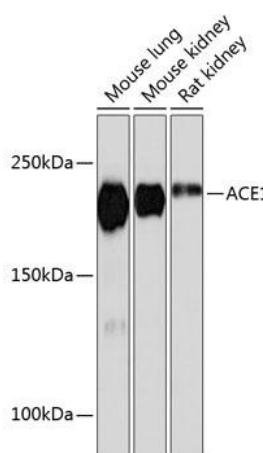
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: Mouse lung, Mouse kidney, Rat kidney

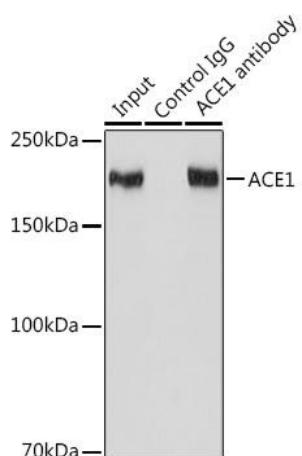
Recommended Dilutions:	WB	1:500 - 1:1000
	IP	0.5µg-4µg antibody for 400µg-600µg extracts of whole cells
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 mAb (CAB11357) 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.



Immunoprecipitation analysis of 600 µg extracts of Mouse kidney cells using 3 µg antibody (CAB11357). Western blot was performed from the immunoprecipitate using antibody (CAB11357) at a dilution of 1:1000.