

ALDH6A1 Antibody

CAB3309

Description

This ALDH6A1 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: CAB3309
Contents: 20 μ L, 100 μ L
Bradford Reagent: 1 vial (2ml)
Category: Polyclonal Antibody
Synonyms: MMSDH, MMSADHA, ALDH6A1
Clone: -
Applications: **WB** **IF/ICC** **ELISA**
Conjugation: Unconjugated
Reactivity: Human, Mouse, Rat

Antibody Data

Gene ID: 4329
Uniprot: AB_2765040
Host Species: Rabbit
Purification: Affinity purification
Observed MW: 58kDa
Calculated MW: 58kDa

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.

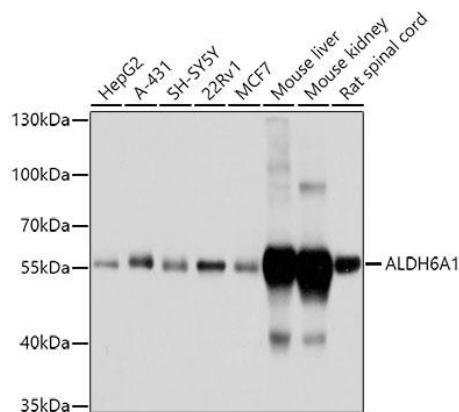
Store Bradford Reagent at Room Temperature for 1 Year.

Positive Sample: HepG2, A-431, SH-SY5Y, 22Rv1, MCF7, Mouse liver, Mouse kidney, Rat spinal cord

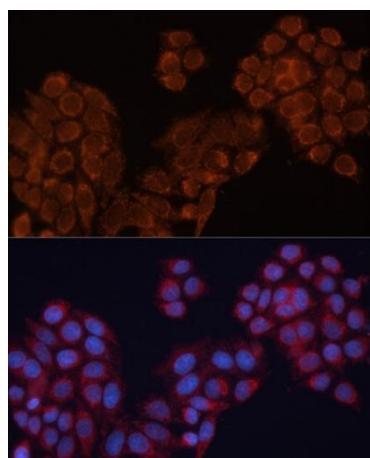
Recommended Dilutions:	WB	1:500 - 1:2000
	IF/ICC	1:50 - 1:200
	ELISA	Recommended starting concentration is 1 µg/mL. Please optimize the concentration based on your specific assay requirements.

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 ALDH6A1 Rabbit pAb (CAB3309) 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: 1s.



Immunofluorescence analysis of HeLa cells using ALDH6A1 Rabbit pAb (CAB3309) 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.

