Recombinant ALDH7A1 Monoclonal Antibody

Description

This Recombinant ALDH7A1 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:	RMEA0068
Contents:	Recombinant ALDH7A1 Monoclonal Antibody (50 µL, 100 µL) Bradford Reagent: 1 vial (2ml)
Clone:	C110054
Applications:	WB, IHC-P, ICC/IF, FC, IP
Reactivity:	Human, Mouse, Rat

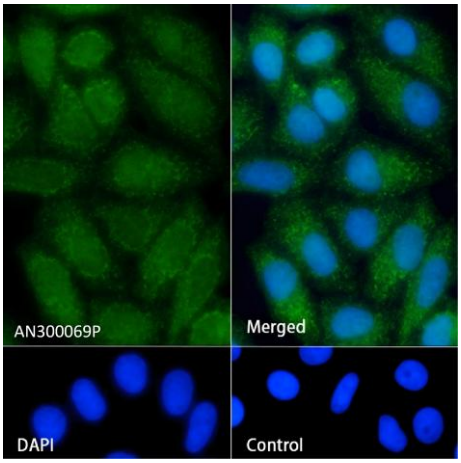
Antibody Data

Uniprot ID:	P49419, Q9DBF1
Size:	50 µL, 100 µL
Host Species:	Rabbit
Isotype:	Rabbit IgG
Conjugation:	Unconjugated
Buffer:	0.2 µm filtered solution in PBS

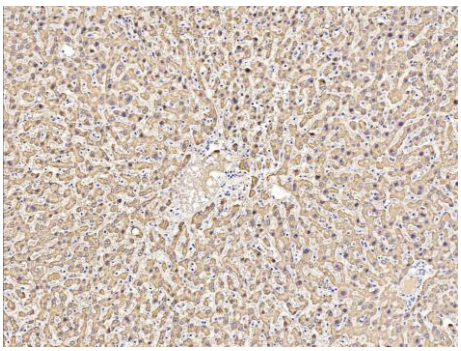
Preparation & Storage

Storage:	Store at -20°C Valid for 12 months. Avoid freeze / thaw cycles. Store Bradford Reagent at Room Temperature for 1 Year.
Shipping:	Gel Pack
Preparation:	WB: 1:2000-1:20000 ; IHC-P: 1:200-1:2000 ; ICC/IF: 1:50 ; FC: 1:20 ; IP: 1:20
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
Notes:	Centrifuge before opening to ensure complete recovery of vial contents.

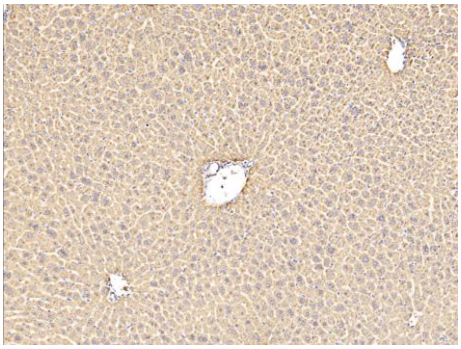
Validation Data



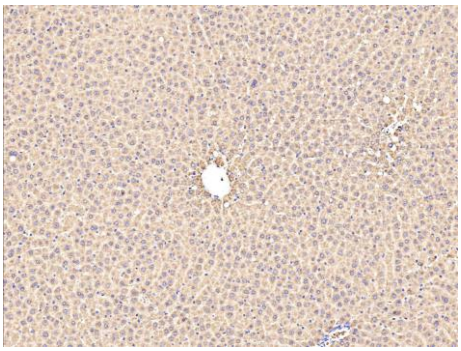
Immunofluorescence analysis of HepG2 cells labelling ALDH7A1. Nuclear DNA was labeled in blue with DAPI. Control: Secondary antibody only.



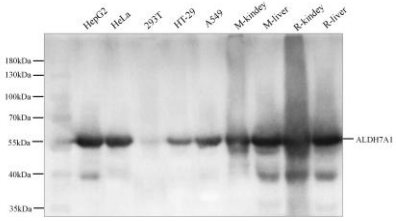
Immunohistochemical analysis of paraffin-embedded Human liver tissue sections using ALDH7A1 Antibody (RMEA0068) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Mouse liver tissue sections using ALDH7A1 Antibody (RMEA0068) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Immunohistochemical analysis of paraffin-embedded Rat liver tissue sections using ALDH7A1 Antibody (RMEA0068) at a dilution of 1:300 (10× lens). Heat mediated antigen retrieval was performed with Tris-EDTA buffer (pH 9.0) for 20 min prior to IHC staining.



Western blot analysis of HepG2,HeLa,293T,HT-29,A549,Mouse kindey,Mouse liver,Rat kidney and Rat liver cell lysates using ALDH7A1 Antibody (RMEA0068) at a dilution of 1:3000. Observed-MW:59 kDa Calculated-MW:59 kDa

Manufacturers Statement

This final kit system is assembled and quality-released by Assay Genie Limited.