

For Research Use Only

ALDH7A1 Recombinant antibody

Catalog Number: 84871-4-RR



Basic Information

Catalog Number:

84871-4-RR

Size:

100ul , Concentration: 1000 µg/ml by

Nanodrop;

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG0383

GenBank Accession Number:

BC002515

GeneID (NCBI):

501

UNIPROT ID:

P49419

Full Name:

aldehyde dehydrogenase 7 family,
member A1

Calculated MW:

55 kDa

Observed MW:

55 kDa

Purification Method:

Protein A purification

CloneNo.:

242363B11

Recommended Dilutions:

WB 1:5000-1:50000

Applications

Tested Applications:

WB, ELISA

Species Specificity:

human, mouse, rat

Positive Controls:

WB : HeLa cells, HepG2 cells, HEK-293T cells, A549
cells, A431 cells, mouse liver tissue, rat liver tissue

Background Information

ALDH7A1(Alpha-aminoadipic semialdehyde dehydrogenase) is also named as ATQ1 and belongs to the aldehyde dehydrogenase family. It plays a major role in the detoxification of aldehydes generated by alcohol metabolism and lipid peroxidation.

Storage

Storage:

Store at -20°C. Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol

Aliquoting is unnecessary for -20°C storage

*** 20ul sizes contain 0.1% BSA

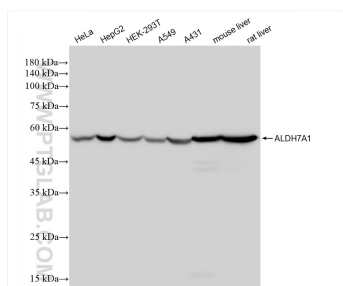
For technical support and original validation data for this product please contact:

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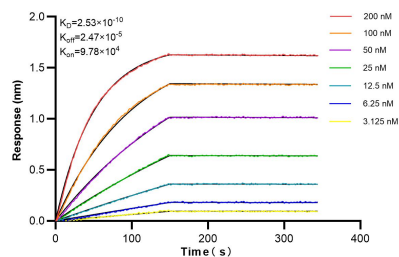
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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 84871-4-RR (ALDH7A1 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours.



Biolayer interferometry (BLI) kinetic assays of 84871-4-RR against Human ALDH7A1 were performed. The affinity constant is 0.253 nM.