

For Research Use Only

ALDH7A1 Recombinant antibody, PBS Only

Catalog Number: 84871-4-PBS



Basic Information

Catalog Number:

84871-4-PBS

Concentration:

1 mg/ml

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

Applications

Tested Applications:

WB, Indirect ELISA

Species Specificity:

human, mouse, rat

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 -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:

PBS only

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

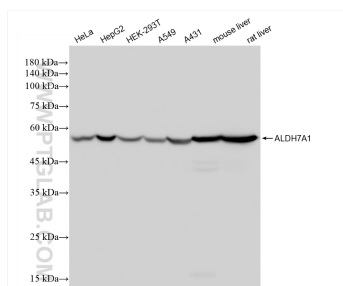
T: 4006900926

E: Proteintech-CN@ptglab.com

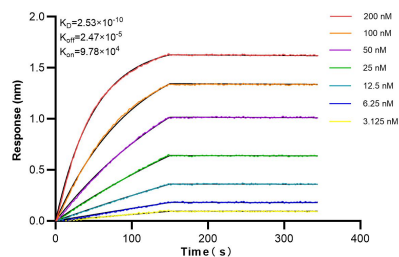
W: ptgcn.com

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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. This data was developed using the same antibody clone with 84871-4-PBS in a different storage buffer formulation.



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