

For Research Use Only

ALDH1A1 Recombinant antibody, PBS Only (Capture)

Catalog Number:83830-3-PBS



Basic Information

Catalog Number: 83830-3-PBS	GenBank Accession Number: BC001505	Purification Method: Protein A purification
Size: 1 mg/ml	GeneID (NCBI): 216	CloneNo.: 240995C8
Source: Rabbit	UNIPROT ID: P00352	
Isotype: IgG	Full Name: aldehyde dehydrogenase 1 family, member A1	
Immunogen Catalog Number: AG8665	Calculated MW: 501 aa, 55 kDa	

Applications

Tested Applications:
Sandwich ELISA, Indirect ELISA, Sample test

Species Specificity:
human

Background Information

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:

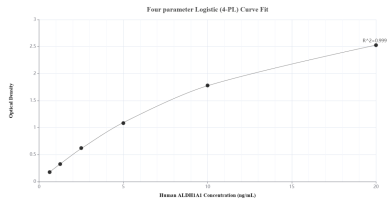
T: 4006900926

E: Proteintech-CN@ptglab.com

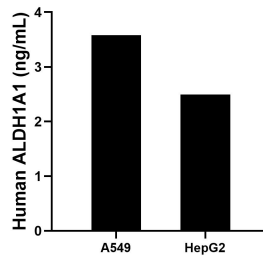
W: ptgcn.com

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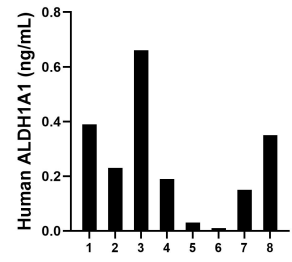
Selected Validation Data



Sandwich ELISA standard curve of MP00795-2, Human ALDH1A1 Recombinant Matched Antibody Pair - PBS only. 83830-3-PBS was coated to a plate as the capture antibody and incubated with serial dilutions of standard Ag8665. 83830-2-PBS was HRP conjugated as the detection antibody. Range: 0.625-20 ng/mL



The mean ALDH1A1 concentration was determined to be 3.58 ng/mL in A549 cell extract based on a 1.00 mg/mL extract load and 2.49 ng/mL in HepG2 cell extract based on a 1.20 mg/mL extract load.



Serum of eight individual healthy human donors was measured. The ALDH1A1 concentration of detected samples was determined to be 0.25 ng/mL with a range of 0.01-0.66 ng/mL.