

For Research Use Only

# HDHD1A Polyclonal antibody

Catalog Number:33953-1-AP



## Basic Information

Catalog Number:

33953-1-AP

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG40679

GenBank Accession Number:

BC012494

GeneID (NCBI):

8226

UNIPROT ID:

Q08623

Full Name:

haloacid dehalogenase-like  
hydrolase domain containing 1A

Calculated MW:

228 aa, 25 kDa

Observed MW:

25 kDa

Purification Method:

Antigen affinity Purification

Recommended Dilutions:

WB: 1:1000-1:8000

## Applications

Tested Applications:

WB, ELISA

Species Specificity:

human

Positive Controls:

WB : Ramos cells, A549 cells, Caco-2 cells, Calu-1 cells,  
Raji cells

## Background Information

The enzyme encoded by human HDHD1A (hHDHD1A; also known as HDHD1, PUDP, GS1; Gene ID: 8226) has activity specific for  $\Psi$  MP 5'-phosphatase (PMID: 20722631). HDHD1A belongs to the HAD-like hydrolase superfamily. In humans, the enzyme HDHD1A dephosphorylates pseudouridine 5'-monophosphate ( $\Psi$  MP), and the resulting  $\Psi$  is excreted in the urine (PMID: 40409548).

## Storage

Storage:

Store at  $-20^{\circ}\text{C}$ . Stable for one year after shipment.

Storage Buffer:

PBS with 0.02% sodium azide and 50% glycerol, pH7.3

Aliquoting is unnecessary for  $-20^{\circ}\text{C}$  storage

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

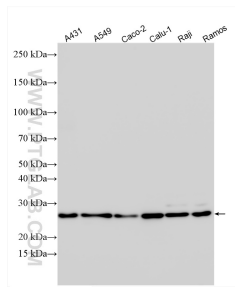
T: 4006900926

E: Proteintech-CN@ptglab.com

W: ptgcn.com

This product is exclusively available under Proteintech Group brand and is not available to purchase from any other manufacturer.

## Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 33953-1-AP (HDHD1A antibody) at dilution of 1:4000 incubated at room temperature for 1.5 hours.