

For Research Use Only

HDHD1A Polyclonal antibody

Catalog Number:33953-1-AP



Basic Information

Catalog Number: 33953-1-AP	GenBank Accession Number: BC012494	Purification Method: Antigen affinity Purification
Size: 150ul , Concentration: 330 ug/ml by Nanodrop;	GeneID (NCBI): 8226	Recommended Dilutions: WB: 1:1000-1:8000 IF/ICC: 1:200-1:800
Source: Rabbit	UNIPROT ID: Q08623	
Isotype: IgG	Full Name: haloacid dehalogenase-like hydrolase domain containing 1A	
Immunogen Catalog Number: AG40679	Calculated MW: 228 aa, 25 kDa	
	Observed MW: 25 kDa	

Applications

Tested Applications: WB, IF/ICC, ELISA	Positive Controls:
Species Specificity: human	WB : Ramos cells, A549 cells, Caco-2 cells, Calu-1 cells, Raji cells IF/ICC : Caco-2 cells,

Background Information

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

Storage

Storage:
Store at -20°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°C storage

*** 20ul sizes contain 0.1% BSA

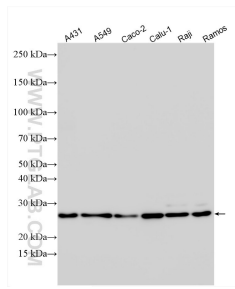
For technical support and original validation data for this product please contact:

T: 1 (888) 4PTGLAB (1-888-478-4522) (toll free in USA), or 1(312) 455-8498 (outside USA)

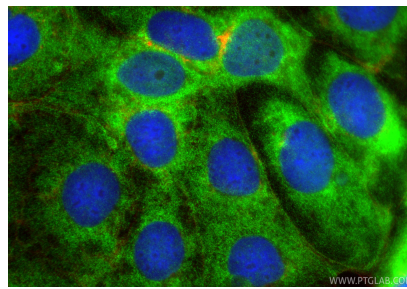
E: proteintech@ptglab.com
W: ptglab.com

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.



Immunofluorescent analysis of (-20°C Ethanol) fixed Caco-2 cells using HDHD1A antibody (33953-1-AP) at dilution of 1:400 and CoraLite® 488-Conjugated Goat Anti-Rabbit IgG(H+L) (SA00013-2), CL594-Phalloidin (red).