

For Research Use Only

PRH1 Polyclonal antibody

Catalog Number: 21460-1-AP



Basic Information

Catalog Number: 21460-1-AP	GenBank Accession Number: BC064553	Purification Method: Antigen affinity purification
Size: 133 µg/ml	GeneID (NCBI): 5554	Recommended Dilutions: WB 1:200-1:1000 IF 1:20-1:200
Source: Rabbit	UNIPROT ID: P02810	
Isotype: IgG	Full Name: proline-rich protein HaeIII subfamily 1	
Immunogen Catalog Number: AG14833	Calculated MW: 17 kDa	
	Observed MW: 17 kDa	

Applications

Tested Applications: IF/ICC, WB, ELISA	Positive Controls: WB : HepG2 cells, IF : HepG2 cells,
Species Specificity: human	

Background Information

PRH1, also known as Salivary acidic proline-rich phosphoprotein 1/2, is a 166 amino acid secreted protein whose molecular weight is 17 kDa. It functions as a highly potent inhibitor of calcium phosphate crystal growth. Similar to other PRPs, PRH1 provides a protective and reparative environment for dental enamel, which is important for teeth integrity. This antibody specifically recognises the 17 kDa protein.

Storage

Storage:
Store at -20°C. Stable for one year after shipment.
Storage Buffer:
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.
Aliquoting is unnecessary for -20°C storage

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

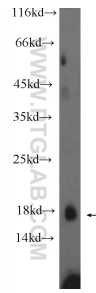
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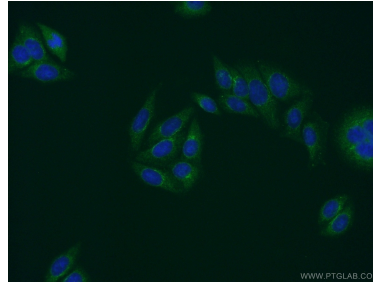
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Selected Validation Data



HepG2 cells were subjected to SDS PAGE followed by western blot with 21460-1-AP (PRH1 Antibody) at dilution of 1:300 incubated at 4 degree celsius over night.



Immunofluorescent analysis of HepG2 cells using 21460-1-AP (PRH1 antibody) at dilution of 1:50 and Alexa Fluor 488-conjugated AffiniPure Goat Anti-Rabbit IgG(H+L).