

PRH1 Polyclonal antibody

Catalog Number: 21460-1-AP

Basic Information

Catalog Number:

21460-1-AP

Size:

133 µg/ml

Source:

Rabbit

Isotype:

IgG

Immunogen Catalog Number:

AG14833

GenBank Accession Number:

BC064553

GeneID (NCBI):

5554

UNIPROT ID:

P02810

Full Name:

proline-rich protein HaeIII subfamily

1

Calculated MW:

17 kDa

Observed MW:

17 kDa

Purification Method:

Antigen affinity purification

Recommended Dilutions:

WB 1:200-1:1000

IF/ICC 1:20-1:200

Applications

Tested Applications:

WB, IF/ICC, ELISA

Species Specificity:

human

Positive Controls:

WB : HepG2 cells,

IF/ICC : HepG2 cells,

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:

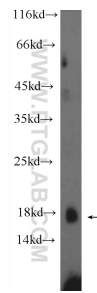
Store at -20°C. Stable for one year after shipment.

Storage Buffer:

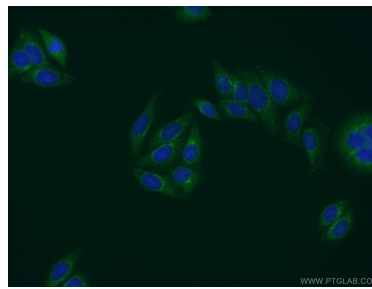
PBS with 0.02% sodium azide and 50% glycerol pH 7.3.

Aliquoting is unnecessary for -20°C storage

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).