For Research Use Only

PRH1 Polyclonal antibody

Catalog Number:21460-1-AP

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Basic Information

Catalog Number:
21460-1-AP

Size:
150ul , Concentration: 133 μg/ml by Bradford method using BSA as the standard;

Source:
Rabbit

Isotype:
IgG

Immunogen Catalog Number:
AG14833

GenBank Accession Number:
BC064553

GeneID (NCBI):
5554

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 1:20-1:200

Applications

Tested Applications:
IF, WB,ELISA

Species Specificity:
human

Positive Controls:

WB : HepG2 cells,

IF : 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

***** 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
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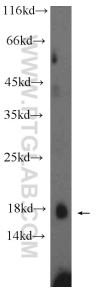
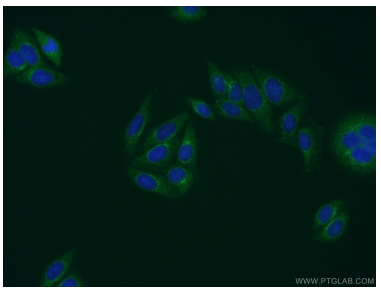
Selected Validation Data



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).