For Research Use Only

PRH1 Polyclonal antibody Catalog Number:21460-1-AP



Basic Information	Catalog Number: 21460-1-AP Size: 150ul , Concentration: 133 ug/ml by Bradford method using BSA as the standard; Source: Rabbit Isotype: IgG Immunogen Catalog Number: AG14833	GenBank Accession Number:Purification Method:BC064553Antigen affinity purificationGeneID (NCBI):Recommended Dilutions:5554WB 1:200-1:1000UNIPROT ID:IF/ICC 1:20-1:200P02810Full Name:proline-rich protein HaeIII subfamilyI1Calculated MW:17 kDaObserved MW:17 kDaI	
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.		
*** 20ul sizes contain 0.1% BSA	Aliquoting is unnecessary for -20 $^\circ$ C s	torage	

For technical support and original validation data for this product please contact:T: 1 (888) 4PTGLAB (1-888-478-4522) (toll freeE: proteintech@ptglab.comin USA), or 1(312) 455-8498 (outside USA)W: 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 Goat Anti-Rabbit IgG(H+L).