

PRPC Rabbit Polyclonal Antibody

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Catalog # AP93506

Product Information

Application	WB
Primary Accession	P02810
Reactivity	Human, Rat, Mouse
Host	Polyclonal, Rabbit, IgG
Clonality	Polyclonal
Calculated MW	17015

Additional Information

Gene ID	5554;5555
Other Names	Salivary acidic proline-rich phosphoprotein 1/2, Db-s, PRP-1/PRP-2, Parotid acidic protein, Pa, Parotid double-band protein, Parotid isoelectric focusing variant protein, PIF-S, Parotid proline-rich protein 1/2, Pr1/Pr2, Protein C, Salivary acidic proline-rich phosphoprotein 1/2, Salivary acidic proline-rich phosphoprotein 3/4, Db-F, PIF-F, PRP-3/PRP-4, Protein A, Peptide P-C, PRH1
Dilution	WB~~1:1000
Storage Conditions	-20°C

Protein Information

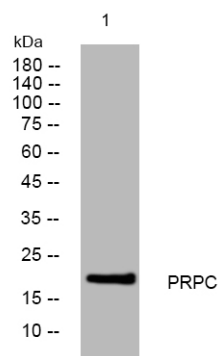
Name	PRH1
Function	PRP's act as highly potent inhibitors of crystal growth of calcium phosphates. They provide a protective and reparative environment for dental enamel which is important for the integrity of the teeth.
Cellular Location	Secreted.

Background

This gene encodes a member of the heterogeneous family of proline-rich salivary glycoproteins. The encoded preproprotein undergoes proteolytic processing to generate one or more mature isoforms before secretion from the parotid and submandibular/sublingual glands. Multiple distinct alleles of this locus including the parotid isoelectric-focusing variant slow (PIF-s), the parotid acidic protein (Pa), and the double band slow (Db-s) isoforms have been characterized. The reference genome encodes the Db-s allele. Certain alleles of this gene are associated with susceptibility to dental caries. This gene is located in a cluster of closely related salivary proline-rich proteins on chromosome 12. Co-transcription of this gene with adjacent

genes has been observed. Alternate splicing of this gene results in multiple transcript variants encoding different isoforms. [provided by RefSeq, Oct 2015],

Images



Western blot analysis of lysates from 293T cells, primary antibody was diluted at 1:1000, 4°over night

Please note: All products are 'FOR RESEARCH USE ONLY. NOT FOR USE IN DIAGNOSTIC OR THERAPEUTIC PROCEDURES'.