

PRH2 Conjugated Antibody

Catalog No: #C43931



Package Size: #C43931-AF350 100ul #C43931-AF405 100ul #C43931-AF488 100ul
 #C43931-AF555 100ul #C43931-AF594 100ul #C43931-AF647 100ul
 #C43931-AF680 100ul #C43931-AF750 100ul #C43931-Biotin 100ul

Orders: order@signalwayantibody.com
 Support: tech@signalwayantibody.com

Description

Product Name	PRH2 Conjugated Antibody
Host Species	Rabbit
Clonality	Polyclonal
Species Reactivity	Hu
Specificity	The antibody detects endogenous levels of total PRH2 protein.
Immunogen Description	Synthetic peptide of human PRH2
Conjugates	Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750
Other Names	Pr;pa;PRH1;db-s;PIF-S;pr1/Pr2;PRP-1/PRP-2
Accession No.	Swiss-Prot#:P02810NCBI Gene ID:5554/5555NCBI mRNA#:NCBI Protein#:NP_005033
Uniprot	P02810
GeneID	5554;5555;
Excitation Emission	AF350: 346nm/442nm AF405: 401nm/421nm AF488: 493nm/519nm AF555: 555nm/565nm AF594: 591nm/614nm AF647: 651nm/667nm AF680: 679nm/702nm AF750: 749nm/775nm
Calculated MW	17
Formulation	0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide
Storage	Store at 4°C in dark for 6 months

Application Details

Suggested Dilution:

AF350 conjugated: most applications: 1: 50 - 1: 250

AF405 conjugated: most applications: 1: 50 - 1: 250

AF488 conjugated: most applications: 1: 50 - 1: 250

AF555 conjugated: most applications: 1: 50 - 1: 250

AF594 conjugated: most applications: 1: 50 - 1: 250

AF647 conjugated: most applications: 1: 50 - 1: 250

AF680 conjugated: most applications: 1: 50 - 1: 250

AF750 conjugated: most applications: 1: 50 - 1: 250

Biotin conjugated: working with enzyme-conjugated streptavidin, most applications: 1: 50 - 1: 1,000

Background

PRH1 (acidic salivary proline-rich protein, HaeIII type, 1) and PRH2 (acidic salivary proline-rich protein, HaeIII type, 2), contain repeated cleavage sites for the restriction enzyme HaeIII and code for PRPs. PRH1/2, also known as salivary acidic proline-rich phosphoprotein 1/2, PRP-1/PRP-2 or parotid proline-rich protein 1/2, is a 166 amino acid secreted protein that functions as a highly potent inhibitor of calcium phosphate crystal growth. Similar to other PRPs, PRH1/2 provides a protective and reparative environment for dental enamel, which is important for teeth integrity.

Note: This product is for in vitro research use only