

# PRELP Conjugated Antibody

Catalog No: #C40410

Package Size: #C40410-AF350 100ul #C40410-AF405 100ul #C40410-AF488 100ul

#C40410-AF555 100ul #C40410-AF594 100ul #C40410-AF647 100ul

#C40410-AF680 100ul #C40410-AF750 100ul #C40410-Biotin 100ul

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## Description

|                       |                                                                                                                                                                              |
|-----------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Product Name          | PRELP Conjugated Antibody                                                                                                                                                    |
| Host Species          | Rabbit                                                                                                                                                                       |
| Clonality             | Polyclonal                                                                                                                                                                   |
| Purification          | Antigen affinity purification                                                                                                                                                |
| Species Reactivity    | Hu, Ms, Rt                                                                                                                                                                   |
| Immunogen Description | Fusion protein of human PRELP                                                                                                                                                |
| Conjugates            | Biotin AF350 AF405 AF488 AF555 AF594 AF647 AF680 AF750                                                                                                                       |
| Target Name           | PRELP                                                                                                                                                                        |
| Other Names           | MST161; SLRR2A; MSTP161                                                                                                                                                      |
| Accession No.         | Swiss-Prot#: Q69YG0NCBI Protein#: BC032498                                                                                                                                   |
| Uniprot               | Q69YG0                                                                                                                                                                       |
| GeneID                | 131616;                                                                                                                                                                      |
| Excitation Emission   | AF350: 346nm/442nm<br>AF405: 401nm/421nm<br>AF488: 493nm/519nm<br>AF555: 555nm/565nm<br>AF594: 591nm/614nm<br>AF647: 651nm/667nm<br>AF680: 679nm/702nm<br>AF750: 749nm/775nm |
| Calculated MW         | 44 kDa                                                                                                                                                                       |
| Formulation           | 0.01M Sodium Phosphate, 0.25M NaCl, pH 7.6, 5mg/ml Bovine Serum Albumin, 0.02% Sodium Azide                                                                                  |
| Storage               | Store at -20°C/1 year                                                                                                                                                        |

## 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

## Background

The protein encoded by this gene is a leucine-rich repeat protein present in connective tissue extracellular matrix. This protein functions as a molecule anchoring basement membranes to the underlying connective tissue. This protein has been shown to bind type I collagen to basement membranes and type II collagen to cartilage. It also binds the basement membrane heparan sulfate proteoglycan perlecan. This protein is suggested to be involved in the pathogenesis of Hutchinson-Gilford progeria (HGP), which is reported to lack the binding of collagen in basement membranes and cartilage. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]

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Note: This product is for in vitro research use only