

## Rabbit anti-Human PRELP Polyclonal Antibody | anti-PRELP antibody

PRELP Antibody (Center)

| CATALOG # | HOST   | REACTIVITY | APPLICATIONS                              |
|-----------|--------|------------|-------------------------------------------|
| AAA287970 | Rabbit | Human      | Western Blot, Immunohistochemistry, ELISA |

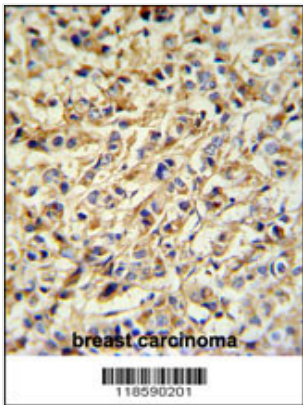
### PRODUCT SYNONYMS

PRELP; Polyclonal Antibody; PRELP Antibody (Center); Prolargin; Proline-arginine-rich end leucine-rich repeat protein; SLRR2A; anti-PRELP antibody

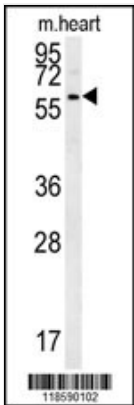
### PRODUCT SPECIFICATIONS

|                                                 |                                                                                                                                                                              |
|-------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Host                                            | Rabbit                                                                                                                                                                       |
| Reactivity                                      | Human                                                                                                                                                                        |
| Clonality                                       | Polyclonal                                                                                                                                                                   |
| Isotype                                         | Rabbit Ig                                                                                                                                                                    |
| Specificity                                     | This PRELP antibody is generated from rabbits immunized with a KLH conjugated synthetic peptide between 119-148 amino acids from the Central region of human PRELP.          |
| Purity/Purification                             | Peptide Affinity Purified Rabbit Polyclonal Antibody (Pab)                                                                                                                   |
| Form/Format                                     | Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is purified through a protein A column, followed by peptide affinity purification. |
| Concentration                                   | Vial Concentration: 0.5 (varies by lot)                                                                                                                                      |
| Sequence Positions                              | 119-148                                                                                                                                                                      |
| Sequence Length                                 | 382                                                                                                                                                                          |
| Applicable Applications for anti-PRELP antibody | WB (Western Blot), IHC (Immunohistochemistry), ELISA                                                                                                                         |
| Antigen Type                                    | Synthetic Peptide                                                                                                                                                            |
| Function                                        | May anchor basement membranes to the underlying connective tissue.                                                                                                           |
| Cellular Location                               | Secreted, extracellular space, extracellular matrix                                                                                                                          |
| Tissue Location                                 | Connective tissue.                                                                                                                                                           |
| Antigen Source                                  | HUMAN                                                                                                                                                                        |
| Preparation and Storage                         | Maintain refrigerated at 2-8 degree C for up to 2 weeks. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.                        |

IMAGES



**IHC (Immunohiostchemistry)**  
PRELP Antibody (Center) IHC analysis in formalin fixed and paraffin embedded breast carcinoma followed by peroxidase conjugation of the secondary antibody and DAB staining. This data demonstrates the use of the PRELP Antibody (Center) for immunohistochemistry. Clinical relevance has not been evaluated.



**WB (Western Blot)**  
PRELP Antibody (Center) western blot analysis in mouse heart tissue lysates (15ug/lane).This demonstrates the PRELP antibody detected PRELP protein (arrow).

ADDITIONAL INFORMATION

|                                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |
|-----------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Related Product Information for anti-PRELP antibody | PRELP 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. |
| Product Categories/Family for anti-PRELP antibody   | Developmental Biology; Signal Transduction                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| References                                          | Ehret, G.B., et al. Eur. J. Hum. Genet. 17(12):1650-1657(2009)<br>Grover, J., et al. Matrix Biol. 26(2):140-143(2007)<br>Johnson, J.M., et al. Mol. Vis. 12, 1057-1066 (2006)                                                                                                                                                                                                                                                                                                                                                                                                      |

NCBI AND UNIPROT INFORMATION

|                                  |                                                       |
|----------------------------------|-------------------------------------------------------|
| NCBI GI #                        | 4506041                                               |
| NCBI GeneID                      | 5549                                                  |
| NCBI Accession #                 | NP_002716.1; NP_958505.1                              |
| NCBI GenBank Nucleotide #        | NM_002725.3                                           |
| UniProt Accession #              | P51888; Q6FG38                                        |
| Molecular Weight                 | 43810                                                 |
| NCBI Official Full Name          | prolargin                                             |
| NCBI Official Synonym Full Names | proline/arginine-rich end leucine-rich repeat protein |
| NCBI Official Symbol             | PRELP                                                 |
| NCBI Official Synonym Symbols    | MST161; SLRR2A; MSTP161                               |
| NCBI Protein Information         | prolargin                                             |
| UniProt Protein Name             | Prolargin                                             |
| UniProt Gene Name                | PRELP                                                 |
| UniProt Synonym Gene Names       | SLRR2A                                                |

**For Research Use Only.** Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://www.aaabiotech.com/polyclonal/prelp-antibody-western-blot-immunohistochemistry-elisa/287970>