

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

PRELP Antibody (C-term)

CATALOG #	HOST	REACTIVITY	APPLICATIONS
AAA289863	Rabbit	Human	Flow Cytometry, Functional Assay, Immunohistochemistry, ELISA, Western Blot

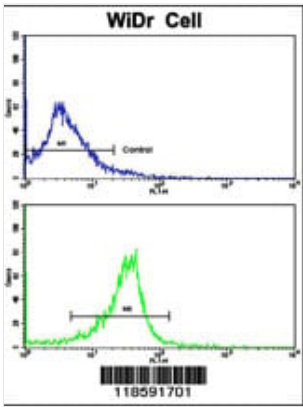
PRODUCT SYNONYMS

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

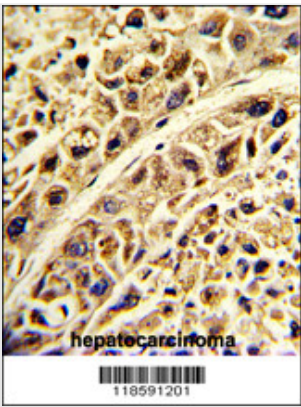
PRODUCT SPECIFICATIONS

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 257-286 amino acids from the C-terminal region of human PRELP.
Purity/Purification	Purified Rabbit Polyclonal Antibody (Pab)
Form/Format	Purified polyclonal antibody supplied in PBS with 0.09% (W/V) sodium azide. This antibody is prepared by Saturated Ammonium Sulfate (SAS) precipitation followed by dialysis against PBS.
Concentration	Vial Concentration: 2 (varies by lot)
Sequence Positions	257-286
Sequence Length	382
Applicable Applications for anti-PRELP antibody	FCM/FACS (Flow Cytometry), IHC (Immunohistochemistry), ELISA, WB (Western Blot)
Antigen Type	Synthetic Peptide
Antigen Source	HUMAN
Preparation and Storage	Maintain refrigerated at 2-8 degree C for up to 6 months. For long term storage store at -20 degree C in small aliquots to prevent freeze-thaw cycles.

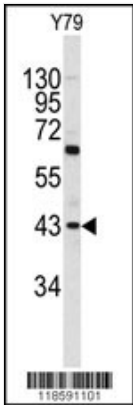
IMAGES



FCM/FACS (Flow Cytometry)
Flow cytometric analysis of widr cells using PRELP Antibody (C-term)(bottom histogram) compared to a negative control cell (top histogram). FITC-conjugated goat-anti-rabbit secondary antibodies were used for the analysis.



IHC (Immunohiostchemistry)
Formalin-fixed and paraffin-embedded human hepatocarcinoma with PRELP Antibody (C-term), which was peroxidase-conjugated to the secondary antibody, followed by DAB staining. This data demonstrates the use of this antibody for immunohistochemistry; clinical relevance has not been evaluated.



WB (Western Blot)
Western blot analysis of PRELP antibody (C-term) in Y79 cell line lysates (35ug/lane). PRELP (arrow) was detected using the purified Pab.

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	Grover,J., Matrix Biol. 26 (2), 140-143 (2007) Johnson,J.M., Mol. Vis. 12, 1057-1066 (2006) Lewis,M., Ageing Res. Rev. 2 (1), 95-105 (2003)

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
UniProt Entry Name	PRELP_HUMAN

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://stage.aaabiotech.com/polyclonal/prelp-antibody-flow-cytometry-immunohistochemistry-western-blot-elisa/289863>