

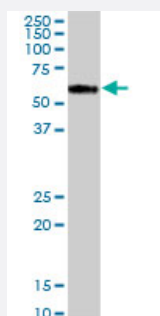
MaxPab®

PRELP purified MaxPab mouse polyclonal antibody (B01P)

Catalog # H00005549-B01P

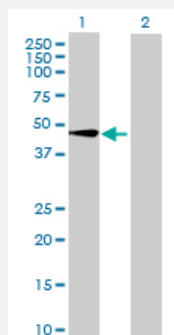
Size 50 ug

Applications



Western Blot (Tissue lysate)

PRELP MaxPab polyclonal antibody. Western Blot analysis of PRELP expression in human spleen.



Western Blot (Transfected lysate)

Western Blot analysis of PRELP expression in transfected 293T cell line ([H00005549-T02](#)) by PRELP MaxPab polyclonal antibody.

Lane 1: PRELP transfected lysate(42.02 KDa).

Lane 2: Non-transfected lysate.

Specification

Product Description

Mouse polyclonal antibody raised against a full-length human PRELP protein.

Immunogen

PRELP (NP_002716.1, 1 a.a. ~ 382 a.a) full-length human protein.

Sequence

MRSPLCWLLPLLILASVAQGQPTRRPRPGTGPGRRPRRPRPTPSFPQPDEPAEPTDLPPPLPP
GPPSIFPDPCPRECYCPCPDFPSALYCDNRNLKVPVIPPRIHYLYLQNNFITELPVESFQNPATGLRWI
NLDNNRIRKIDQRVLEKLPGLVFLYMEKNQLEEVPSALPRNLEQLRLSQNHISRIPPGVFSKLENLL
LLDLQHNRLSDGVFKPDTFHGLKNLMQLNLAHNILRKMPPRVPTAIHQLYLDNKNIEIPNGYFKSF
PNLAFIRLNYNKLTDRGLPKNSFNISNLLVLHLSHNRISVPAINNRLHLYLNNNSIEKINGTQICPND
LVAFHDFSSDLENVPHLRYLRDGNLYKPP IPLDLMMCFRLQSVVI

Host

Mouse

Reactivity	Human
Interspecies Antigen Sequence	Mouse (89); Rat (89)
Quality Control Testing	Antibody reactive against mammalian transfected lysate.
Storage Buffer	In 1x PBS, pH 7.4
Storage Instruction	Store at -20°C or lower. Aliquot to avoid repeated freezing and thawing.

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[Protocol Download](#)

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Gene Info — PRELP

Entrez GeneID	5549
GeneBank Accession#	NM_002725
Protein Accession#	NP_002716.1
Gene Name	PRELP
Gene Alias	MGC45323, MST161, MSTP161, SLRR2A
Gene Description	proline/arginine-rich end leucine-rich repeat protein
Omim ID	601914
Gene Ontology	Hyperlink

Gene Summary

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]

Other Designations

55 kDa leucine-rich repeat protein of articular cartilage|OTTHUMP00000034099|prolargin proteoglycan|proline arginine-rich end leucine-rich repeat protein

Disease

- [Genetic Predisposition to Disease](#)
- [Hypertension](#)