Datasheet for ABIN1700383

anti-PRELP antibody (AA 151-250) (Biotin)

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Overview

Quantity:	100 µL
Target:	PRELP
Binding Specificity:	AA 151-250
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This PRELP antibody is conjugated to Biotin
Application:	Immunohistochemistry (Paraffin-embedded Sections) (IHC (p)), Immunohistochemistry (Frozen Sections) (IHC (fro))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human PRELP
Isotype:	IgG
Predicted Reactivity:	Human,Mouse,Rat,Cow,Horse,Rabbit
Purification:	Purified by Protein A.

Target Details

Target:	PRELP
Alternative Name:	PRELP (PRELP Products)
Background:	Synonyms: 55 kDa leucine rich repeat protein of articular cartilage, MST161, MSTP161, Prelp,

Target Details

	PRELP_HUMAN, Prolargin, Prolargin proteoglycan, Proline arginine rich end leucine rich repeat protein, Proline-arginine-rich end leucine-rich repeat protein, Proline/arginine rich end leucine rich repeat protein, SLRR2A. Background: PRELP (proline/arginine-rich end leucine-rich repeat protein), also known as Prolargin, MST161, SLRR2A or MSTP161, is a 382 amino acid secreted protein that localizes to the extracellular matrix. Belonging to the Class II subfamily of the small leucine-rich proteoglycan (SLRP) family, PRELP contains twelve LRR (leucine-rich) repeats, which are motifs consisting of 20-29 residues that are present in numerous proteins with diverse functions and provide versatile structural framework for the formation of protein-protein interactions. Highly expressed in cartilage, basement membranes and developing bone, PRELP is considered a glycosaminoglycan (GAG)- and collagen-binding anchor protein that associates with the basement membrane heparan sulfate proteoglycan perlecan. PRELP acts as a linker between the extracellular matrix and the cell surface of proteoglycans and may be partially responsible for Hutchinson-Gilford progeria (HGP), an extremely rare genetic disorder that causes premature, rapid aging shortly after birth.
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	ELISA 1:500-1000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	1 µg/µL
Buffer:	Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C for 12 months.
Expiry Date:	12 months