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Produktinformation

- Forschungsprodukte & Biochemikalien
- Zellkultur & Verbrauchsmaterial
- Diagnostik & molekulare Diagnostik
- Laborgeräte & Service

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See the following pages for more information!

Lieferung & Zahlungsart

siehe unsere Liefer- und Versandbedingungen

Zuschläge

- Mindermengenzuschlag
- Trockeneiszuschlag
- Gefahrgutzuschlag
- Expressversand

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PRELP Antibody - middle region : FITC (ARP56412_P050-FITC)

Data Sheet

Product Number	ARP56412_P050-FITC
Product Page	www.avivasysbio.com/prelp-antibody-middle-region-fitc-arp56412-p050-fitc.html
Name	PRELP Antibody - middle region : FITC (ARP56412_P050-FITC)
Protein Size (# AA)	382 amino acids
Molecular Weight	42kDa
Conjugation	FITC: Fluorescein Isothiocyanate
NCBI Gene Id	5549
Host	Rabbit
Clonality	Polyclonal
Concentration	0.5 mg/ml
Gene Full Name	Proline/arginine-rich end leucine-rich repeat protein
Alias Symbols	MST161, SLRR2A, MSTP161
Peptide Sequence	Synthetic peptide located within the following region: SNKIETIPNGYFKSFPNLAFIRLNYNKLTDRGLPKNSFNISNLLVLHLSH
Product Format	Liquid. Purified antibody supplied in 1x PBS buffer.
Reference	Grover,J., (2007) Matrix Biol. 26 (2), 140-143
Description of Target	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.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.
Protein Interactions	Dlg4; HSPG2; FBLN2; FN1; NID1; COL1A1; COL2A1; NID2;
Reconstitution and Storage	All conjugated antibodies should be stored in light-protected vials or covered with a light protecting material (i.e. aluminum foil). Conjugated antibodies are stable for at least 12 months at 4C. If longer storage is desired (24 months), conjugates may be diluted with up to 50% glycerol and stored at -20C to -80C. Freezing and thawing conjugated antibodies will compromise enzyme activity as well as antibody binding.
Datasheets/Manuals	Printable datasheet for anti-PRELP (ARP56412_P050-FITC) antibody
Blocking Peptide	For anti-PRELP (ARP56412_P050-FITC) antibody is Catalog # AAP56412 (Previous Catalog # AAPP34209)
Immunogen	The immunogen is a synthetic peptide directed towards the middle region of human PRELP
Uniprot ID	P51888
Protein Name	Prolargin
Protein Accession #	NP_002716
Purification	Affinity Purified
Nucleotide Accession #	NM_002725
Gene Symbol	PRELP
Predicted Species Reactivity	Human, Mouse, Rat, Cow, Dog, Guinea Pig, Horse, Pig, Rabbit

Application	WB
Predicted Homology Based on Immunogen Sequence	Cow: 86%; Dog: 86%; Guinea Pig: 86%; Horse: 86%; Human: 100%; Mouse: 93%; Pig: 93%; Rabbit: 86%; Rat: 93%
Image 1	

AVIVA SYSTEMS BIOLOGY manufactures and sells quality antibody products covering genome wide proteins.

This product is for Research Use Only. Not for diagnostic, human, or veterinary use.
Optimal conditions of its use should be determined by end users.

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