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Datasheet for ABIN6977520

anti-Leprecan-Like 4 antibody (AA 1-100) (AbBy Fluor® 488)

Overview

Quantity:	100 µL
Target:	Leprecan-Like 4 (LEPREL4)
Binding Specificity:	AA 1-100
Reactivity:	Rat, Macaque
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This Leprecan-Like 4 antibody is conjugated to AbBy Fluor® 488
Application:	Western Blotting (WB), Immunofluorescence (Cultured Cells) (IF (cc)), Immunofluorescence (Paraffin-embedded Sections) (IF (p))

Product Details

Immunogen:	KLH conjugated synthetic peptide derived from human SC65
Isotype:	IgG
Cross-Reactivity:	Macaque, Rat
Predicted Reactivity:	Human, Mouse, Dog, Pig
Purification:	Purified by Protein A.

Target Details

Target:	Leprecan-Like 4 (LEPREL4)
Alternative Name:	SC65 (LEPREL4 Products)

Target Details

Background: Synonyms: Leprecan-like protein 4, Leprel4, NOL55, Nucleolar autoantigen 55 kDa, Nucleolar autoantigen No55, SC 65, SC65_HUMAN, Synaptonemal complex protein SC65.

Background: Part of a complex composed of PLOD1, P3H3 and P3H4 that catalyzes hydroxylation of lysine residues in collagen alpha chains and is required for normal assembly and cross-linking of collagen fibrils. Required for normal bone density and normal skin stability via its role in hydroxylation of lysine residues in collagen alpha chains and in collagen fibril assembly.

Gene ID: 10609

UniProt: [Q92791](#)

Application Details

Application Notes: IF(IHC-P) 1:50-200
IF(IHC-F) 1:50-200
IF(ICC) 1:50-200

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: ProClin

Precaution of Use: This product contains ProClin: a POISONOUS AND HAZARDOUS SUBSTANCE, which should be handled by trained staff only.

Storage: -20 °C

Storage Comment: Store at -20°C. Aliquot into multiple vials to avoid repeated freeze-thaw cycles.

Expiry Date: 12 months