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Datasheet for ABIN334359 anti-Biglycan antibody (C-Term)

4 Images

1 Publication



Overview

Quantity:	100 µg
Target:	Biglycan (BGN)
Binding Specificity:	C-Term
Reactivity:	Human, Mouse
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This Biglycan antibody is un-conjugated
Application:	ELISA, Immunofluorescence (IF)

Product Details

Purpose:	Biglycan Preproprotein
Immunogen:	Peptide with sequence C-DRLAIQFGNYKK, from the C Terminus of the protein sequence according to NP_001702.1.
Sequence:	DRLAIQFGNY KK
lsotype:	IgG
Cross-Reactivity:	Dog, Human, Mouse, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity chromatography using the immunizing peptide.
Grade:	Verified

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Target Details	
Target:	Biglycan (BGN)
Alternative Name:	BGN (BGN Products)
Background:	Biglycan Preproprotein, biglycan, BGN, DSPG1, PG-S1, PGI, SLRR1A , bone/cartilage proteoglycan-I, dermatan sulphate proteoglycan I, small leucine-rich protein 1A
Gene ID:	633, 12111, 25181
NCBI Accession:	NP_001702
Pathways:	Glycosaminoglycan Metabolic Process

Application Details

Application Notes:	Peptide ELISA: antibody detection limit dilution 1:2000.
Comment:	Immunofluorescence: Expression of the protein seen in the Golgi of NIH3T3 and HepG2 cells. Recommended concentration: 10µg/ml.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C
Storage Comment:	Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Publications

Product cited in:	Burssens, Forsyth, Bongaerts, Jagodzinski, Mahieu, Praet, Victor: "Arguments for an increasing

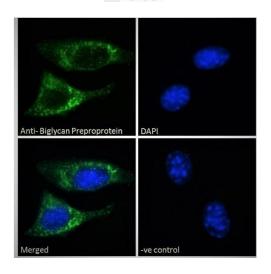
differentiation towards fibrocartilaginous components in midportion Achilles tendinopathy." in:

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6, pp. 1459-67, (2013) (PubMed).

Images

250kDa 150kDa	Western Blotting
100kDa	Image 1. ABIN334359 (0.1µg/ml) staining of Rat Skin lysate
75kDa	(35µg protein in RIPA buffer). Primary incubation was 1
50kDa	hour. Detected by chemiluminescence.
37kDa	
25kDa	
20kDa	
250kDa 150kDa 100kDa	
75kDa	Image 2. ABIN334359 (0.1µg/ml) staining of Rat Skin lysate
50kDa	(35µg protein in RIPA buffer). Primary incubation was 1
37kDa	hour. Detected by chemiluminescence.
25kDa	
20kDa	
15kDa	



10kDa

Immunofluorescence

Image 3. ABIN334359 Immunofluorescence analysis of paraformaldehyde fixed NIH3T3 cells, permeabilized with 0.15% Triton. Primary incubation 1hr (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml), showing Golgi staining. The nuclear stain is DAPI (blue). Negative control: Unimmunized goat IgG (10ug/ml) followed by Alexa Fluor 488 secondary antibody (2ug/ml).

Please check the product details page for more images. Overall 4 images are available for ABIN334359.

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