

Data Sheet

HUMAN CYSTEINE RICH PROTEIN 61 (CCN1/CYR61)

ANTIBODY, POLYCLONAL

Catalog no.:	A 1085.1 / A 1085.2
Immunogen:	Full-length human cysteine-rich protein 61 fused to the Fc-domain of human IgG (CYR61-Fc)
Synonyms:	Insulin-like growth factor-binding protein 10 (IGFBP-10), Protein GIG1
Swiss-Prot No:	O00622
Gene Information:	Gene Name: CYR61, CCN1, GIG1, IGFBP10 GeneID: 3491
Host:	Rabbit
Matrix:	Serum
Specificity:	Human CYR61, sheep and rat CYR61
Contents:	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
Known applications:	Western Blot (1:5000), immunohistochemistry (paraffin sections, cryosections, 1:400) ¹ This antibody has not been tested for use in all applications. This does not necessarily exclude its use for non-tested procedures. The stated dilutions are recommendations only. We suggest that the applicant titrates the antibody in his/her system using appropriate negative/positive controls.
Store at:	2-8 °C (lyophilized); -20 °C (dissolved) Repeated thawing and freezing must be avoided
References:	1. Lienau J, Schell H, Epari DR, Schütze N, Jakob F, Duda GN, Bail HJ (2006). CYR61 (CCN1) protein expression during fracture healing in an ovine tibial model and its relation to the mechanical fixation stability. <i>J Orthop Res</i> 24 (2): 254-262.
Last updated on:	5 August 2016

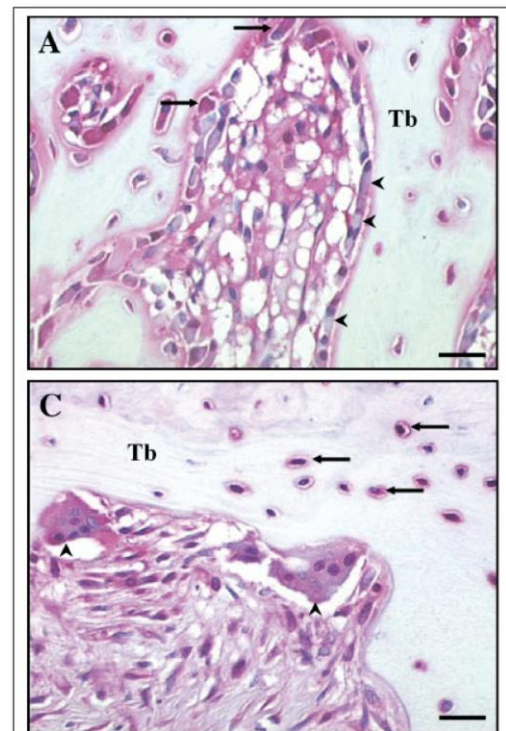
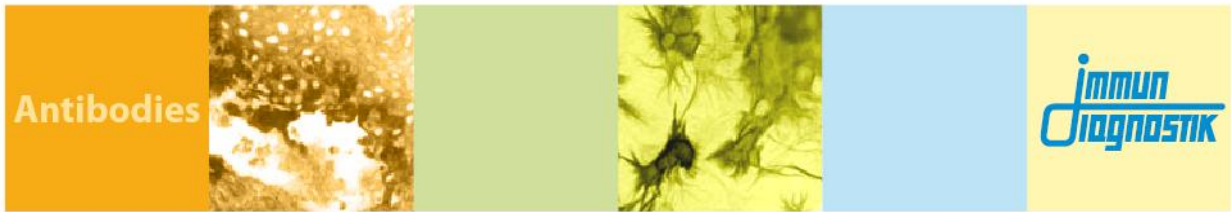


Figure 1: Immunohistochemistry image of CCN1/CYR61 staining in paraffin sections of sheep fracture callus at different time points of healing. The sections were incubated with A 1085 (1:400) and stained using ABC method with Vector Red (Vector Laboratories) as chromogen. The sections were counterstained with hematoxylin. (A) A 1085 stains the cytoplasm of active osteoblasts (arrows) but not of fibroblast-like osteoblasts (arrow heads). (C) CYR61 was also detected in pre-osteocytes in newly formed trabecular bone (arrows) and in some osteoclasts (arrow head). Tb, trabecular bone. Scale bar = 25 µm.

Lienau J et al. (2006) *J Orthop Res* 24(2):254-62.





For research use only

Publishing research using A 1085? Please let us know so that we can cite your publication as a reference.



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