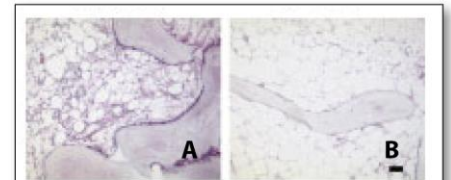


## Data Sheet

# HUMAN CYSTEINE RICH PROTEIN 61 (CCN1/CYR61)

## ANTIBODY, POLYCLONAL

<b>Catalog no.:</b>	A 1084.1 / A 1084.2
<b>Immunogen:</b>	Full-length human cysteine-rich protein 61 fused to the Fc-domain of human IgG (CYR61-Fc)
<b>Synonyms:</b>	Insulin-like growth factor-binding protein 10 (IGFBP-10), Protein GIG1
<b>Swiss-Prot No:</b>	O00622
<b>Gene Information:</b>	Gene Name: CYR61, CCN1, GIG1, IGFBP10 GeneID: 3491
<b>Host:</b>	Rabbit
<b>Matrix:</b>	Serum
<b>Specificity:</b>	Human CYR61
<b>Contents:</b>	20 µl / 100 µl (lyophilized) Resuspend in 20 µl / 100 µl aqua bidest.
<b>Known applications:</b>	Western Blot (1:5000) <sup>1</sup> , immunohistochemistry (paraffin sections, cryosections, 1:500) <sup>2</sup>



**Figure 1:** Immunohistochemistry image of CCN1/CYR61 staining in paraffin sections of human femoral heads. The sections were incubated with A 1084 (1:500) and stained using the Envision System™ (DAKO). Slides were counterstained with hematoxylin. (A) CYR61 immunoreactivity was observed in edematous areas of osteonecrotic femoral heads, but not in (B) normal tissue of femoral heads. Scale bar = 100 µm.

Radke S et al. (2006) *J Orthop Res* 24(5):945-52.

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.

<b>Store at:</b>	2-8 °C (lyophilized); - 20 °C (dissolved) Repeated thawing and freezing must be avoided
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<b>References:</b>	<ol style="list-style-type: none"> <li>Schutze N, Kunzi-Rapp K, Wagemanns R, Noth U, Jatzke S, Jakob F (2005). Expression, purification, and functional testing of recombinant CYR61/CCN1. <i>Protein Expr Purif</i> <b>42</b>(1): 219-225.</li> <li>Radke S, Battmann A, Jatzke S, Eulert J, Jakob F, Schutze N (2006). Expression of the angiogenic proteins CYR61, CTGF, and VEGF in osteonecrosis of the femoral head. <i>J Orthop Res</i> <b>24</b>(5): 945-952.</li> </ol>
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**Last updated on:** 5 August 2016

**For research use only**

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