

Datasheet for ABIN6243134  
**anti-CYR61 antibody (AA 143-174)**[Go to Product page](#)

## 1 Image

## Overview

Quantity:	200 µL
Target:	CYR61
Binding Specificity:	AA 143-174
Reactivity:	Human
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CYR61 antibody is un-conjugated
Application:	Western Blotting (WB)

## Product Details

Immunogen:	This CYR61 antibody is generated from a rabbit immunized with a KLH conjugated synthetic peptide between 143-174 amino acids from the Central region of human CYR61.
Clone:	RB53929
Isotype:	Ig Fraction
Purification:	This antibody is purified through a protein A column, followed by peptide affinity purification.

## Target Details

Target:	CYR61
Alternative Name:	CYR61 ( <a href="#">CYR61 Products</a> )
Background:	Promotes cell proliferation, chemotaxis, angiogenesis and cell adhesion. Appears to play a role

## Target Details

in wound healing by up- regulating, in skin fibroblasts, the expression of a number of genes involved in angiogenesis, inflammation and matrix remodeling including VEGF-A, VEGF-C, MMP1, MMP3, TIMP1, uPA, PAI-1 and integrins alpha-3 and alpha-5. CYR61-mediated gene regulation is dependent on heparin-binding. Down-regulates the expression of alpha-1 and alpha-2 subunits of collagen type-1. Promotes cell adhesion and adhesive signaling through integrin alpha-6/beta-1, cell migration through integrin alpha-v/beta-5 and cell proliferation through integrin alpha-v/beta-3.

Molecular Weight: 42027

UniProt: [O00622](#)

Pathways: [Positive Regulation of Endopeptidase Activity](#), [Growth Factor Binding](#)

## Application Details

Application Notes: WB: 1:2000

Restrictions: For Research Use only

## Handling

Format: Liquid

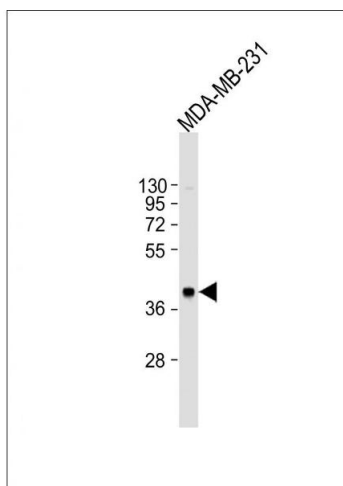
Buffer: Purified polyclonal antibody supplied in PBS with 0.09 % (W/V) sodium azide.

Preservative: Sodium azide

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

Storage: 4 °C,-20 °C

Expiry Date: 6 months



### Western Blotting

**Image 1.** Anti-CYR61 Antibody (Center) at 1:2000 dilution + MDA-MB-231 whole cell lysate Lysates/proteins at 20 µg per lane. Secondary Goat Anti-Rabbit IgG, (H+L), Peroxidase conjugated at 1/10000 dilution. Predicted band size : 42 kDa Blocking/Dilution buffer: 5 % NFDM/TBST.