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Datasheet for ABIN893281

anti-CYR61 antibody (Alexa Fluor 488)

Overview

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|--------------|--|
| Quantity: | 100 µL |
| Target: | CYR61 |
| Reactivity: | Human, Mouse, Rat |
| Host: | Rabbit |
| Clonality: | Polyclonal |
| Conjugate: | This CYR61 antibody is conjugated to Alexa Fluor 488 |
| Application: | Western Blotting (WB) |

Product Details

| | |
|-----------------------|---|
| Immunogen: | KLH conjugated synthetic peptide derived from human Cyr61 |
| Isotype: | IgG |
| Cross-Reactivity: | Human |
| Predicted Reactivity: | Mouse,Rat,Dog,Cow,Sheep,Horse |
| Purification: | Purified by Protein A. |

Target Details

| | |
|-------------------|--|
| Target: | CYR61 |
| Alternative Name: | Cyr61 (CYR61 Products) |
| Background: | Synonyms: CCN1, GIG1, IGFBP10, Protein CYR61, CCN family member 1, Cysteine-rich angiogenic inducer 61, Insulin-like growth factor-binding protein 10, IBP-10, IGF-binding protein |

Target Details

10, IGFBP-10, Protein GIG1, CYR61

Background: Promotes cell proliferation, chemotaxis, angiogenesis and cell adhesion. Appears to play a role 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 α -3 and α -5. CYR61-mediated gene regulation is dependent on heparin-binding. Down-regulates the expression of α -1 and α -2 subunits of collagen type-1. Promotes cell adhesion and adhesive signaling through integrin α -6/ β -1, cell migration through integrin α -v/ β -5 and cell proliferation through integrin α -v/ β -3.

Gene ID: 3491

UniProt: [O00622](#)

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

Application Details

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

Restrictions: For Research Use only

Handling

Format: Liquid

Concentration: 1 μ g/ μ L

Buffer: Aqueous buffered solution containing 0.01M TBS (pH 7.4) with 1 % BSA, 0.03 % Proclin300 and 50 % Glycerol.

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: -20 °C

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

Expiry Date: 12 months