

**bs-0743R****[ Primary Antibody ]****BioSS**  
ANTIBODIES

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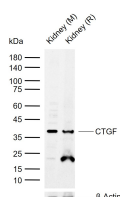
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**CTGF Rabbit pAb****DATASHEET**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		
<b>GeneID:</b> 1490	<b>SWISS:</b> P29279	
<b>Target:</b> CTGF		
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human CTGF: 221-349/349.		
<b>Purification:</b> affinity purified by Protein A		<b>Reactivity:</b> Mouse, Rat (predicted: Rabbit, Pig, Chicken, Dog)
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 0.01M TBS (pH7.4) with 1% BSA, 0.02% Proclin300 and 50% Glycerol. Shipped at 4°C. Store at -20°C for one year. Avoid repeated freeze/thaw cycles.		
<b>Background:</b> The protein encoded by this gene is a mitogen that is secreted by vascular endothelial cells. The encoded protein plays a role in chondrocyte proliferation and differentiation, cell adhesion in many cell types, and is related to platelet-derived growth factor. Certain polymorphisms in this gene have been linked with a higher incidence of systemic sclerosis. [provided by RefSeq, Nov 2009].		
		<b>Predicted MW.:</b> 36 kDa
		<b>Subcellular Location:</b> Secreted ,Extracellular matrix

**VALIDATION IMAGES**

Sample: Lane 1: Mouse Kidney tissue lysates  
Lane 2: Rat Kidney tissue lysates Primary: Anti-CTGF (bs-0743R) at 1/1000 dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 36 kDa Observed band size: 38 kDa

**SELECTED CITATIONS**

- **[IF=8.46]** Ciamporcerio, E., et al. "YAP activation protects urothelial cell carcinoma from treatment-induced DNA damage." *Oncogene* (2015). WB ;="Human". 26119935
- **[IF=6.854]** Ciamporcerio et al. YAP activation protects urothelial cell carcinoma from treatment-induced DNA damage. (2016) *Oncogene*. 35:1541-53 WB ;Human. 26119935
- **[IF=4.6]** Jiaxu Zhou. et al. JTE-013 Alleviates Pulmonary Fibrosis by Affecting the RhoA/YAP Pathway and Mitochondrial Fusion/Fission. *PHARMACEUTICALS-BASE*. 2023 Oct;16(10):1444 IHC,IF,WB ;Mouse. 37895915
- **[IF=5.3]** Mya Thandar. et al. Mesenchymal stem cells derived from adipose tissue and umbilical cord reveal comparable efficacy upon radiation-induced colorectal fibrosis in rats. *AM J CANCER RES*. 2024 Apr 15;14(4):1594-1608 WB ;Rat. 38726273
- **[IF=4.6]** Demircan Volkan. et al. Evaluation of therapeutic use of a combination of pentoxifylline and vitamin E in radiation-induced renal fibrosis. *SCI REP-UK*. 2024 Mar;14(1):1-14 IHC ;Rat. 38521858

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.