

bs-22360R**[Primary Antibody]****CTGF Rabbit pAb****Bioss**
ANTIBODIES

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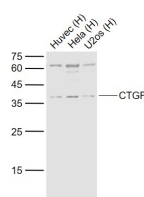
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techsupport@bioss.com.cn

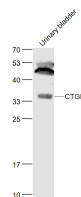
400-901-9800

DATASHEET

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse (predicted: Rat, Pig, Sheep, Cow, Chicken, Horse)
GeneID: 1490	SWISS: P29279	Predicted MW.: 36 kDa
Target: CTGF		Subcellular Location: Secreted ,Extracellular matrix
Immunogen: KLH conjugated synthetic peptide derived from human CTGF: 281-349/349.		
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		
Storage: 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.		
Background: 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].		

VALIDATION IMAGES

Sample: Lane 1: Huvec (Human) Cell Lysate at 30 ug
Lane 2: Hela (Human) Cell Lysate at 30 ug
Lane 3: U2os (Human) Cell Lysate at 30 ug
Primary: Anti-CTGF (bs-22360R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 38/35 kD Observed band size: 38 kD



Sample: Urinary bladder (Mouse) Lysate at 40 ug
Primary: Anti-CTGF (bs-22360R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-
Rabbit IgG at 1/20000 dilution Predicted band
size: 36 kD Observed band size: 36 kD

SELECTED CITATIONS

- **[IF=6.691]** Zhao, Boyuan. et al. Suspension state and shear stress enhance breast tumor cells EMT through YAP by microRNA-29b. 2021 Oct 07 WB ;Human. 34618275
- **[IF=2.606]** Lei Zhang. et al. Autologous bone marrow-derived mesenchymal stem cells for interstitial fibrosis and tubular atrophy: a pilot study. Renal Failure. 2021;43(1):1266-1275 IHC ;human. 34493167
- **[IF=1.4]** Bingyi Chen. et al. The inhibition of γ -Aminobutyric Acid B1 receptor regulates angiogenesis via the Hippo/YAP signaling pathway. ANN VASC SURG. 2024 Jul; WB ;Human. 39025214