

bs-1910R**[Primary Antibody]****Bioss**
ANTIBODIES

www.bioss.com.cn

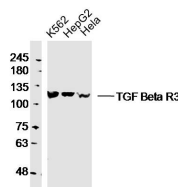
sales@bioss.com.cn

techsupport@bioss.com.cn

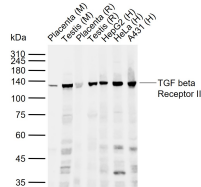
400-901-9800

TGF beta Receptor III Rabbit pAb**DATASHEET**

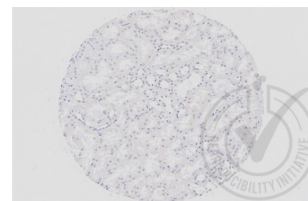
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Human, Mouse, Rat (predicted: Pig, Sheep, Chicken, Dog) Predicted MW.: 94 kDa Subcellular Location: Secreted ,Extracellular matrix ,Cell membrane
Clonality: Polyclonal		
GeneID: 7049	SWISS: Q03167	
Target: TGF beta Receptor III		
Immunogen: KLH conjugated synthetic peptide derived from human TGFBR3: 701-850/850.		
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: This locus encodes the transforming growth factor (TGF)-beta type III receptor. The encoded receptor is a membrane proteoglycan that often functions as a co-receptor with other TGF-beta receptor superfamily members. Ectodomain shedding produces soluble TGFBR3, which may inhibit TGFB signaling. Decreased expression of this receptor has been observed in various cancers. Alternatively spliced transcript variants encoding different isoforms have been identified for this gene.[provided by RefSeq, Sep 2010].		

VALIDATION IMAGES

Sample: K562 Cell (Human) Lysate at 40 ug
HepG2 Cell (Human) Lysate at 40 ug
Hela Cell (Human) Lysate at 40 ug
Primary: Anti- TGF beta Receptor III (bs-1910R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 94 kD
Observed band size: 110 kD



Sample: Lane 1: Mouse Placenta tissue lysates
Lane 2: Mouse Testis tissue lysates
Lane 3: Rat Placenta tissue lysates
Lane 4: Rat Testis tissue lysates
Lane 5: Human HepG2 cell lysates
Lane 6: Human HeLa cell lysates
Lane 7: Human A431 cell lysates
Primary: Anti-TGF beta Receptor III (bs-1910R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 94 kDa
Observed band size: 130 kDa



Independently Validated Antibody, image provided by Science Direct, badge number 029661: Formalin-fixed and paraffin embedded human kidney labeled with Anti-TGF Beta R3 Polyclonal Antibody, Unconjugated (bs-1910R) at 1:250. overnight at 25°C followed by conjugation to the secondary antibody and DAB staining

SELECTED CITATIONS

- **[IF=5.6]** Zihao Fang. et al. 17β-Estradiol mediates TGFBR3/Smad2/3 signaling to attenuate the fibrosis of TGF-β1-induced bovine endometrial epithelial cells via GPER. J CELL PHYSIOL. 2023 Nov;; IF ;Bovine. 37991438
- **[IF=5.191]** Chao Ye. et al. Naringin in the repair of knee cartilage injury via the TGF-β/ALK5/Smad2/3 signal transduction pathway combined with an acellular dermal matrix. J Orthop Transl. 2021 Aug;; IHC ;Rabbit. 10.1016/j.jot.2021.06.004
- **[IF=1.785]** Chao Ye. et al. Naringin and bone marrow mesenchymal stem cells repair articular cartilage defects in rabbit knees through the transforming growth factor-β; superfamily signaling pathway. Exp Ther Med. 2020 Nov;20(5):1-1 IHC ;Rabbit. 32952649

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