

bs-7443R**[Primary Antibody]****BioSS**
ANTIBODIES

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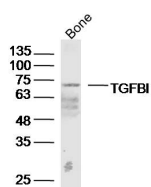
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TGFBI Rabbit pAb**— DATASHEET —**

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse)
GeneID: 7045	SWISS: Q15582	Predicted MW.: 72 kDa
Target: TGFBI		Subcellular Location: Secreted
Immunogen: KLH conjugated synthetic peptide derived from human TGFBI: 81-130/130.		
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 gene encodes an RGD-containing protein that binds to type I, II and IV collagens. The RGD motif is found in many extracellular matrix proteins modulating cell adhesion and serves as a ligand recognition sequence for several integrins. This protein plays a role in cell-collagen interactions and may be involved in endochondrial bone formation in cartilage. The protein is induced by transforming growth factor-beta and acts to inhibit cell adhesion. Mutations in this gene are associated with multiple types of corneal dystrophy. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: Bone (Mouse) Lysate at 40 ug Primary:
Anti-TGFBI(bs-7443R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 72kD
Observed band size: 72kD

— SELECTED CITATIONS —

- **[IF=14.511]** Ying Xia. et al. SB431542 alleviates lupus nephritis by regulating B cells and inhibiting the TLR9/TGFβ1/PDGFB signaling. J AUTOIMMUN. 2022 Oct;132:102894 IHC ;Mouse. 36030617