

bs-4064R**[Primary Antibody]****IGFBP6 Rabbit pAb****BioSS**
ANTIBODIES

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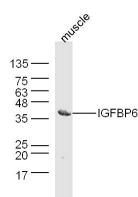
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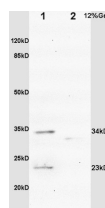
400-901-9800

— DATASHEET —

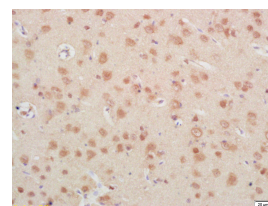
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Mouse, Rat (predicted: Human, Rabbit, Pig, Sheep, Cow, Dog, Horse) Predicted MW.: 23 kDa Subcellular Location: Secreted
Clonality: Polyclonal		
GeneID: 3489	SWISS: P24592	
Target: IGFBP6		
Immunogen: KLH conjugated synthetic peptide derived from human IGFBP6: 141-240/240.		
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: IGF-binding proteins prolong the half-life of the IGFs and have been shown to either inhibit or stimulate the growth promoting effects of the IGFs on cell culture. They alter the interaction of IGFs with their cell surface receptors.		

— VALIDATION IMAGES —

Sample: muscle (Mouse) Lysate at 40 ug Primary: Anti- IGFBP6 (bs-4064R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 23 kD
Observed band size: 36 kD



Sample: Brain (Rat) Lysate at 40 ug Intestine (Mouse) Lysate at 40 ug Primary: Anti-IGFBP6 (bs-4064R) at 1/300 dilution Secondary: HRP conjugated Goat-Anti-rabbit IgG (bs-0295G-HRP) at 1/5000 dilution Predicted band size: 23 kD
Observed band size: 23 kD



Tissue/cell: rat brain tissue; 4% Paraformaldehyde-fixed and paraffin-embedded; Antigen retrieval: citrate buffer (0.01M, pH 6.0), Boiling bathing for 15min; Block endogenous peroxidase by 3% Hydrogen peroxide for 30min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Incubation: Anti-IGFBP6 Polyclonal Antibody, Unconjugated(bs-4064R) 1:200, overnight at 4°C, followed by conjugation to the secondary antibody(SP-0023) and DAB(C-0010) staining

— SELECTED CITATIONS —

- **[IF=4.2]** Yuan, Qing, et al. "Docetaxel-loaded solid lipid nanoparticles suppress breast cancer cells growth with reduced myelosuppression toxicity." International Journal of Nanomedicine 9 (2014): 4829. WB ;="Mouse". 25378924
- **[IF=2.123]** Liqiang Zhou. et al. Tectorigenin alleviates the apoptosis and inflammation in spinal cord injury cell model through inhibiting insulin-like growth factor-binding protein 6. OPEN MED-WARSAW. 2023 Jan;18(1): WB ;Rat. 37069938