

bs-21776R**[Primary Antibody]****KLF10 Rabbit pAb****Bioss**
ANTIBODIES

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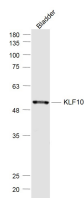
sales@bioss.com.cn

techsupport@bioss.com.cn

400-901-9800

— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Mouse (predicted: Human, Rat, Rabbit, Pig, Cow, Chicken, Dog, Horse)
GeneID: 7071	SWISS: Q13118	
Target: KLF10		Predicted MW.: 53 kDa
Immunogen: KLH conjugated synthetic peptide derived from human KLF10 : hu, mo, rat, chk, pig, cow, dog, hrs, Rb.		Subcellular Location: Nucleus
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: KLF10 is a transcription factor that plays a role in the regulation of cell growth. It binds to the consensus sequence 5'-GGTGTG-3'. KLF10 plays a role in the response to TGFbeta (through the TGFbeta/Smad signalling pathway) and estrogen. In both cases, KLF10 induces or repressed gene transcription to enhance the TGFbeta/Smad signalling pathway, as well as other pathways, to regulate cell proliferation, differentiation and apoptosis. KLF10 has been shown to have a role in skeletal disease (osteopenia/osteoporosis), hypertrophic cardiomyopathy, and breast and prostate cancer.		

— VALIDATION IMAGES —

Sample: Bladder (Mouse) Lysate at 40 ug
Primary: Anti-KLF10 (bs-21776R) at 1/1000
dilution Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 53 kD Observed band size: 53 kD