

bs-20231R**[Primary Antibody]****Collagen X Rabbit pAb****BioSS**
ANTIBODIES

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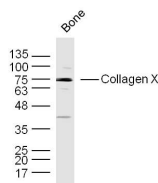
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		
GeneID: 1300	SWISS: A1L4P2	
Target: Collagen X		
Immunogen: KLH conjugated synthetic peptide derived from human Collagen X : 24-100/680.		
Purification: affinity purified by Protein A		Reactivity: Mouse (predicted: Human)
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.		Predicted MW.: 73 kDa
Background: This gene encodes the alpha chain of type X collagen, a short chain collagen expressed by hypertrophic chondrocytes during endochondral ossification. Unlike type VIII collagen, the other short chain collagen, type X collagen is a homotrimer. Mutations in this gene are associated with Schmid type metaphyseal chondrodysplasia (SMCD) and Japanese type spondylometaphyseal dysplasia (SMD). [provided by RefSeq, Jul 2008].		Subcellular Location: Extracellular matrix

— VALIDATION IMAGES —

Sample: bone (Mouse) Lysate at 40 ug Primary:
Anti-Collagen X(bs-20231R) at 1/300 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at
1/20000 dilution Predicted band size: 73 kD
Observed band size: 73 kD