

**bs-7103R****[ Primary Antibody ]****THAP1 Rabbit pAb****Bioss**  
**ANTIBODIES**

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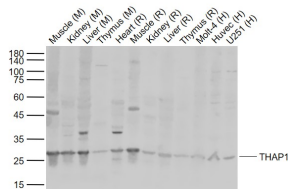
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**— DATASHEET —**

<b>Host:</b> Rabbit	<b>Isotype:</b> IgG	<b>Applications:</b> WB (1:500-2000)
<b>Clonality:</b> Polyclonal		<b>Reactivity:</b> Human, Mouse, Rat (predicted: Rabbit, Sheep, Cow, Chicken, Dog)
<b>GeneID:</b> 55145	<b>SWISS:</b> Q9NVV9	
<b>Target:</b> THAP1		<b>Predicted MW.:</b> 25 kDa
<b>Immunogen:</b> KLH conjugated synthetic peptide derived from human THAP1: 121-213/213.		<b>Subcellular Location:</b> Nucleus
<b>Purification:</b> affinity purified by Protein A		
<b>Concentration:</b> 1mg/ml		
<b>Storage:</b> 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.		
<b>Background:</b> THAP1 contains a THAP domain, a zinc-dependent DNA-binding domain. It colocalizes with the apoptosis response protein PAWR/PAR-4 in promyelocytic leukemia (PML) nuclear bodies and is a pro-apoptotic protein that potentiates both serum-withdrawal and TNF-induced apoptosis. It is a physiologic regulator of endothelial cell proliferation and cell-cycle progression, two essential processes for angiogenesis.		

**— VALIDATION IMAGES —**

Sample: Lane 1: Mouse Muscle tissue lysates  
Lane 2: Mouse Kidney tissue lysates Lane 3:  
Mouse Liver tissue lysates Lane 4: Mouse  
Thymus tissue lysates Lane 5: Rat Heart tissue  
lysates Lane 6: Rat Muscle tissue lysates Lane 7:  
Rat Kidney tissue lysates Lane 8: Rat Liver tissue  
lysates Lane 9: Rat Thymus tissue lysates Lane  
10: Human Molt-4 cell lysates Lane 11: Human  
Huvec cell lysates Lane 12: Human U251 cell  
lysates Primary: Anti-THAP1 (bs-7103R) at 1/1000  
dilution Secondary: IRDye800CW Goat Anti-  
Rabbit IgG at 1/20000 dilution Predicted band  
size: 25 kD Observed band size: 27 kD