

bs-4240R**[Primary Antibody]****DDIT4 Rabbit pAb****Bioss**
ANTIBODIES

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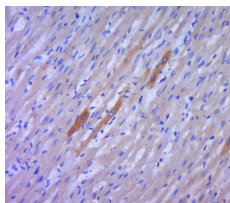
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Cow, Horse) Predicted MW.: 25 kDa Subcellular Location: Cytoplasm
Clonality: Polyclonal		
GeneID: 54541	SWISS: Q9NX09	
Target: DDIT4		
Immunogen: KLH conjugated synthetic peptide derived from human DDIT4: 165-232/232.		
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: Inhibits cell growth by regulating the TOR signaling pathway upstream of the TSC1-TSC2 complex and downstream of AKT1. Promotes neuronal cell death.		

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (rat heart tissue); Antigen retrieval by boiling in sodium citrate buffer (pH6.0) for 15min; Block endogenous peroxidase by 3% hydrogen peroxide for 20 minutes; Blocking buffer (normal goat serum) at 37°C for 30min; Antibody incubation with (DDIT4) Polyclonal Antibody, Unconjugated (bs-4240R) at 1:400 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.8]** Yang Liu. et al. Aerobic exercise mitigates hippocampal neuronal apoptosis by regulating DAPK1/CDKN2A/REDD1/FoxO1/FasL signaling pathway in D-galactose-induced aging mice. FASEB J. 2023 Sep;37(10):e23205 WB ;Mouse. 37768886