

bs-7068R**[Primary Antibody]****FOXO1 + FOXO3 + FOXO4 Rabbit pAb****BioSS**
ANTIBODIES

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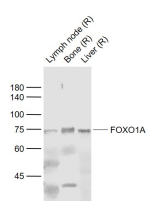
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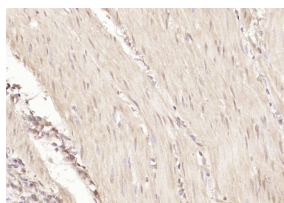
400-901-9800

— DATASHEET —

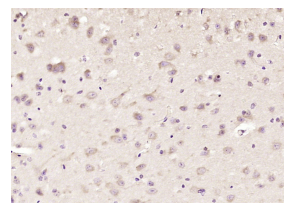
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		IHC-P (1:100-500)
GeneID: 2308	SWISS: Q12778	IHC-F (1:100-500)
Target: FOXO1 + FOXO3 + FOXO4		IF (1:50-200)
Immunogen: KLH conjugated synthetic peptide derived from human FOXO1/FOXO3/FOXO4: 161-260/655.		Flow-Cyt (2ug/Test)
Purification: affinity purified by Protein A		Reactivity: Human, Rat (predicted: Mouse, Rabbit, Pig, Cow, Chicken, Dog, Horse)
Concentration: 1mg/ml		Predicted MW.: 70 kDa
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.		Subcellular Location: Cytoplasm ,Nucleus
Background: This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. The specific function of this gene has not yet been determined; however, it may play a role in myogenic growth and differentiation. Translocation of this gene with PAX3 has been associated with alveolar rhabdomyosarcoma. [provided by RefSeq].		

— VALIDATION IMAGES —

Sample: Lane 1: Lymph node (Rat) Lysate at 40 ug
Lane 2: Bone (Rat) Lysate at 40 ug
Lane 3: Liver (Rat) Lysate at 40 ug
Primary: Anti-FOXO1A (bs-7068R) at 1/1000 dilution
Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution
Predicted band size: 78 kD
Observed band size: 75 kD



Paraformaldehyde-fixed, paraffin embedded (human gastric carcinoma); 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 (FOXO1 + FOXO3 + FOXO4) Polyclonal Antibody, Unconjugated (bs-7068R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.



Paraformaldehyde-fixed, paraffin embedded (mouse brain); 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 (FOXO1 + FOXO3 + FOXO4) Polyclonal Antibody, Unconjugated (bs-7068R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.

— SELECTED CITATIONS —

- **[IF=4.014]** Kang Bai. et al. Melatonin Alleviates Ovarian Function Damage and Oxidative Stress Induced by Dexamethasone in the Laying Hens through FOXO1 Signaling Pathway. POULTRY SCIENCE. 2023 Apr.;102745 WB ;Chicken. 10.1016/j.psj.2023.102745