

bs-1548R**[Primary Antibody]****FOXO3A Rabbit pAb****BioSS**
ANTIBODIES

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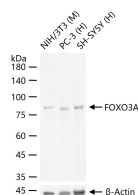
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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000)
Clonality: Polyclonal		Reactivity: Human, Mouse
GeneID: 2309	SWISS: O43524	
Target: FOXO3A		
Immunogen: KLH conjugated synthetic peptide derived from human FOXO3A: 201-300/673.		Predicted MW.: 74 kDa
Purification: affinity purified by Protein A		Subcellular Location: Cytoplasm ,Nucleus
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: This gene belongs to the forkhead family of transcription factors which are characterized by a distinct forkhead domain. This gene likely functions as a trigger for apoptosis through expression of genes necessary for cell death. Translocation of this gene with the MLL gene is associated with secondary acute leukemia. Alternatively spliced transcript variants encoding the same protein have been observed. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

25 ug total protein per lane of various lysates (see on figure) probed with FOXO3A polyclonal antibody, unconjugated (bs-1548R) at 1:1000 dilution and 4°C overnight incubation. Followed by conjugated secondary antibody incubation at r.t. for 60 min.

— SELECTED CITATIONS —

- **[IF=7.634]** Orozco-Aguilar Josué. et al. Ursodeoxycholic acid induces sarcopenia associated with decreased protein synthesis and autophagic flux. BIOL RES. 2023 Dec;56(1):1-19 WB ;Mouse. 37237400
- **[IF=7.971]** He J et al. SLC34A2 Simultaneously Promotes Papillary Thyroid Carcinoma Growth and Invasion Through Distinct Mechanisms. Oncogene. 2020 Mar;39(13):2658-2675. WB ;human. 32005974
- **[IF=6.551]** Wei J et al. Endosulfan induces cardiotoxicity through apoptosis via unbalance of pro-survival and mitochondrial-mediated apoptotic pathways. Sci Total Environ . 2020 Jul 20;727:138790. WB ;human. 32344260
- **[IF=6.9]** Lichun Qiao. et al. T-2 toxin induces cardiac fibrosis by causing metabolic disorders and up-regulating Sirt3/FoxO3α/MnSOD signaling pathway-mediated oxidative stress. J ENVIRON SCI-CHINA. 2024 Mar;; WB ;Rat. 10.1016/j.jes.2024.03.001
- **[IF=6.1]** Ruixue Zhang. et al. The miR-15b-5p/miR-379-3p-FOXO axis regulates cell cycle and apoptosis in scleral remodeling during experimental myopia. J TRANSL MED. 2024; 22: 710 WB ;Guinea pig. 39080755

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