

bs-11234R**[Primary Antibody]****Miz1/ZNF60 Rabbit pAb****BioSS**
ANTIBODIES

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— DATASHEET —

Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500) ELISA (1:5000-10000) Reactivity: (predicted: Human, Mouse, Rat, Rabbit, Pig, Cow, Horse) Predicted MW.: 88 kDa Subcellular Location: Nucleus
Clonality: Polyclonal		
GeneID: 7709	SWISS: Q13105	
Target: Miz1/ZNF60		
Immunogen: KLH conjugated synthetic peptide derived from human Miz1/ZNF60: 331-430/803.		
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: The Myc family, including c-Myc-, N-Myc- and L-Myc, are nuclear proteins with relatively short half lives that contribute an important role in cellular processes such as proliferation, differentiation, apoptosis and transformation. The c-Myc protein activates transcription as part of a heteromeric complex with a number of interacting partners, including Max and Mxi 1; however the transforming properties of the Myc proto-oncogene are believed to be associated with Myc-mediated transcriptional repression. A POZ domain Zn finger protein, designated Miz-1 for Myc-interacting Zn finger protein-1, is a specific target of Myc-induced gene repression. Miz-1 interacts with Myc, but not Max or other Myc partners, and binding of Myc to Miz-1 requires the helix-loop-helix domain of Myc and a short amphipathic helix located in the carboxy-terminus of Miz-1. Miz-1 associates with DNA elements on the adenovirus major late and cyclin D1 promoters and activates transcription of both promoters. Expression of Miz-1 induces potent growth arrest function, and this latency is reversed by the addition of Myc.		

— SELECTED CITATIONS —

- **[IF=1.2]** Liu, Lu, et al. "Increased expression of Myc-interacting zinc finger protein 1 in APP/PS1 mice." Experimental and Therapeutic Medicine. IHC ;="Mouse". 10.3892/etm.2017.5289
- **[IF=1.26]** Liu et al. Increased expression of Myc-interacting zinc finger protein 1 in APP/PS1 mice. (2017) Exp.Ther.Med. 14:5751-5756 IHC ;Mouse. 29285117