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Miz1/ZNF60 Rabbit pAb

Catalog Number:	bs-11234R
Target Protein:	Miz1/ZNF60
Concentration:	1mg/ml
Form:	Liquid
Host:	Rabbit
Clonality:	Polyclonal
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 Locations:	Nucleus
Entrez Gene:	7709
Swiss Prot:	Q13105
Source:	KLH conjugated synthetic peptide derived from human Miz1/ZNF60: 331-430/803.
Purification:	affinity purified by Protein A
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.

PRODUCT SPECIFIC PUBLICATIONS

[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