

## ZBT17 Polyclonal Antibody

<b>Catalog No :</b>	YN0110
<b>Reactivity :</b>	Human;Mouse
<b>Applications :</b>	WB;ELISA
<b>Target :</b>	ZBT17
<b>Fields :</b>	>>Cell cycle;>>Pathways in cancer;>>Transcriptional misregulation in cancer;>>Small cell lung cancer
<b>Gene Name :</b>	ZBTB17 MIZ1 ZNF151 ZNF60
<b>Protein Name :</b>	Zinc finger and BTB domain-containing protein 17 (Myc-interacting zinc finger protein 1) (Miz-1) (Zinc finger protein 151) (Zinc finger protein 60)
<b>Human Gene Id :</b>	7709
<b>Human Swiss Prot No :</b>	Q13105
<b>Mouse Swiss Prot No :</b>	Q60821
<b>Immunogen :</b>	Synthesized peptide derived from human protein . at AA range: 160-240
<b>Specificity :</b>	ZBT17 Polyclonal Antibody detects endogenous levels of protein.
<b>Formulation :</b>	Liquid in PBS containing 50% glycerol, and 0.02% sodium azide.
<b>Source :</b>	Polyclonal, Rabbit,IgG
<b>Dilution :</b>	WB 1:500-2000 ELISA 1:5000-20000
<b>Purification :</b>	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.
<b>Concentration :</b>	1 mg/ml
<b>Storage Stability :</b>	-15°C to -25°C/1 year(Do not lower than -25°C)

**Observed Band :** 88kD**Cell Pathway :** Cell\_Cycle\_G1S;Cell\_Cycle\_G2M\_DNA;**Background :** This gene encodes a zinc finger protein involved in the regulation of c-myc. The symbol MIZ1 has also been associated with PIAS2 which is a different gene located on chromosome 18. [provided by RefSeq, Jul 2008],**Function :** function:May function as a housekeeping DNA-binding protein that regulates the expression of specific genes. Has been shown to bind to the promoters of adenovirus major late protein and cyclin D1 and activate transcription. Also has potent growth arrest activity, probably through inhibition of cell cycle progression. Required for early embryonic development during gastrulation.,similarity:Belongs to the krueppel C2H2-type zinc-finger protein family.,similarity:Contains 1 BTB (POZ) domain.,similarity:Contains 13 C2H2-type zinc fingers.,subunit:Binds to the C-terminal helix-loop-helix motif of MYC which inhibits ZBTB17 transactivation and growth arrest activities and renders it insoluble in the nucleus. Also interacts with HCFC1, MAGEA4 and Tmprss11a.,**Subcellular** Nucleus .**Location :****Expression :** Expressed in germinal center B-cells.

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