

**bs-1922R****[ Primary Antibody ]****BioSS**  
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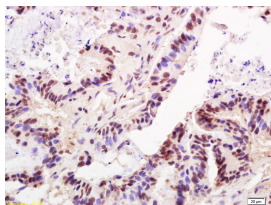
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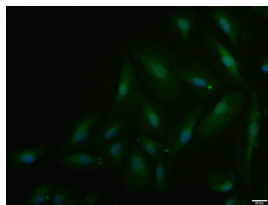
400-901-9800

**TRF2 Rabbit pAb****— DATASHEET —**

<p><b>Host:</b> Rabbit</p> <p><b>Clonality:</b> Polyclonal</p> <p><b>GeneID:</b> 7014</p> <p><b>Target:</b> TRF2</p> <p><b>Immunogen:</b> KLH conjugated synthetic peptide derived from human TRF2: 301-400/500.</p> <p><b>Purification:</b> affinity purified by Protein A</p> <p><b>Concentration:</b> 1mg/ml</p> <p><b>Storage:</b> 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.</p> <p><b>Background:</b> This gene encodes a telomere specific protein, TERF2, which is a component of the telomere nucleoprotein complex. This protein is present at telomeres in metaphase of the cell cycle, is a second negative regulator of telomere length and plays a key role in the protective activity of telomeres. While having similar telomere binding activity and domain organization, TERF2 differs from TERF1 in that its N terminus is basic rather than acidic. [provided by RefSeq, Jul 2008]</p>	<p><b>Isotype:</b> IgG</p> <p><b>SWISS:</b> Q15554</p>	<p><b>Applications:</b> IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500) ICC/IF (1:100-500)</p> <p><b>Reactivity:</b> Human (predicted: Mouse, Rat, Rabbit, Pig, Dog)</p> <p><b>Predicted MW.:</b> 55 kDa</p> <p><b>Subcellular Location:</b> Nucleus</p>
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**— VALIDATION IMAGES —**

Paraformaldehyde-fixed, paraffin embedded (Human colon cancer); 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 (Telomeric repeat binding protein 2) Polyclonal Antibody, Unconjugated (bs-1922R) at 1:400 overnight at 4°C, followed by a conjugated secondary antibody (sp-0023) for 20 minutes and DAB staining.



A549 cell; 4% Paraformaldehyde-fixed; Triton X-100 at room temperature for 20 min; Blocking buffer (normal goat serum, C-0005) at 37°C for 20 min; Antibody incubation with (TRF2) polyclonal Antibody, Unconjugated (bs-1922R) 1:100, 90 minutes at 37°C; followed by a conjugated Goat Anti-Rabbit IgG antibody at 37°C for 90 minutes, DAPI (blue, C02-04002) was used to stain the cell nuclei.

**— SELECTED CITATIONS —**

- **[IF=2.6]** Yanping Ding, et al. Astragaloside IV plays a neuroprotective role by promoting PPAR $\gamma$  in cerebral ischemia-reperfusion rats. BEHAV BRAIN RES. 2024 Sep;115267 WB ;Rat. 39341463