

bs-1151R**[Primary Antibody]****Bioss**
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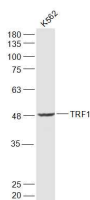
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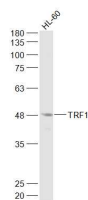
400-901-9800

TRF1 Rabbit pAb**— DATASHEET —**

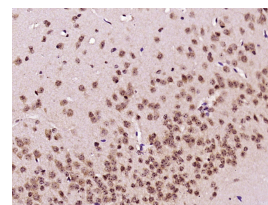
Host: Rabbit	Isotype: IgG	Applications: WB (1:500-2000) IHC-P (1:100-500) IHC-F (1:100-500) IF (1:100-500)
Clonality: Polyclonal		
GeneID: 7013	SWISS: P54274	
Target: TRF1		
Immunogen: KLH conjugated synthetic peptide derived from human TRBF1: 121-220/439.		Reactivity: Human, Mouse (predicted: Rat)
Purification: affinity purified by Protein A		
Concentration: 1mg/ml		Predicted MW.: 50 kDa
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.		Subcellular Location: Cytoplasm ,Nucleus
Background: This gene encodes a telomere specific protein which is a component of the telomere nucleoprotein complex. This protein is present at telomeres throughout the cell cycle and functions as an inhibitor of telomerase, acting in cis to limit the elongation of individual chromosome ends. The protein structure contains a C-terminal Myb motif, a dimerization domain near its N-terminus and an acidic N-terminus. Two transcripts of this gene are alternatively spliced products. [provided by RefSeq, Jul 2008]		

— VALIDATION IMAGES —

Sample: K562(Human) Cell Lysate at 30 ug
 Primary: Anti-TRF1 (bs-1151R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD
 Observed band size: 49 kD



Sample: HL-60(Human) Cell Lysate at 30 ug
 Primary: Anti-TRF1 (bs-1151R) at 1/1000 dilution
 Secondary: IRDye800CW Goat Anti-Rabbit IgG at 1/20000 dilution Predicted band size: 50 kD
 Observed band size: 49 kD



Paraformaldehyde-fixed, paraffin embedded (Mouse brain); 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 (TRF1) Polyclonal Antibody, Unconjugated (bs-1151R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=8.755]** Chunfeng Lu. et al. ZNF281 drives hepatocyte senescence in alcoholic liver disease by reducing HK2-stabilized PINK1/Parkin-mediated mitophagy. CELL PROLIFERAT. 2022 Dec;;e13378 WB ;Human. 36514923
- **[IF=6.831]** Xiaoyu Qi. et al. Curcumol inhibits ferritinophagy to restrain hepatocyte senescence through YAP/NCOA4 in non-alcoholic fatty liver disease. 2021 Aug 03 WB ;Hamsters. 34346124
- **[IF=6.691]** Jiang, Yiming. et al. Induction of Sestrin2 by pterostilbene suppresses ethanol-triggered hepatocyte senescence by degrading CCN1 via p62-dependent selective autophagy. 2021 Aug 17 IF ;Mouse. 34405320
- **[IF=5.988]** Qi Xiaoyu. et al. Curcumol Suppresses CCF-Mediated Hepatocyte Senescence Through Blocking

Important Note: This product as supplied is intended for research use only, not for use in human, therapeutic or diagnostic applications.

LC3B-Lamin B1 Interaction in Alcoholic Fatty Liver Disease. FRONT PHARMACOL. 2022 Jun;0:2140 WB ;Human, Mouse. 35837283

- **[IF=3.376]** Esra Gozde Kosebent et al. The altered expression of telomerase components and telomere-linked proteins may associate with ovarian aging in mouse. Exp Gerontol. 2020 Sep;138:110975. IHC ;Mouse. 32464172