

bs-19886R**[Primary Antibody]****PARP14 Rabbit pAb****Bioss**
ANTIBODIES

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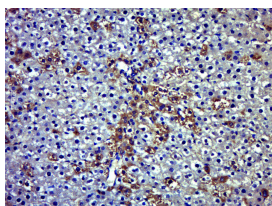
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— DATASHEET —

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|---|----------------------|--|
| Host: Rabbit | Isotype: IgG | Applications: IHC-P (1:100-500) |
| Clonality: Polyclonal | | IHC-F (1:100-500) |
| GeneID: 54625 | SWISS: Q460N5 | IF (1:100-500) |
| Target: PARP14 | | Reactivity: Rat (predicted: Human, Mouse, Rabbit, Pig, Sheep, Cow, Zebrafish, Dog, Horse) |
| Immunogen: KLH conjugated synthetic peptide derived from human PARP14: 1651-1750/1801. | | Predicted MW.: 203 kDa |
| Purification: affinity purified by Protein A | | Subcellular Location: Cytoplasm ,Nucleus |
| 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: Poly(ADP-ribosyl)ation is an immediate DNA damage-dependent posttranslational modification of histones and other nuclear proteins that contributes to the survival of injured proliferating cells. PARP14 belongs to the superfamily of enzymes that perform this modification (Ame et al., 2004 [PubMed 15273990]).[supplied by OMIM, Mar 2008] | | |

— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (Rat liver); 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 (PARP14) Polyclonal Antibody, Unconjugated (bs-19886R) at 1:500 overnight at 4°C, followed by a conjugated secondary (sp-0023) for 20 minutes and DAB staining.

— SELECTED CITATIONS —

- **[IF=5.9]** Yan Lu. et al. Bridging aging, immunity, and atherosclerosis: novel insights into senescence-related genes. FRONT IMMUNOL. 2025 Jun;16: IF ;Mouse. 40612944