

bs-22927R**[Primary Antibody]****Bioss**
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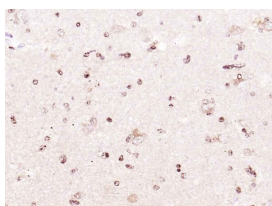
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BMAL1 Rabbit pAb**— DATASHEET —**

Host: Rabbit Clonality: Polyclonal GeneID: 406 Target: BMAL1 Immunogen: KLH conjugated synthetic peptide derived from human BMAL1: 251-350/626. Purification: affinity purified by Protein A 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: The protein encoded by this gene is a basic helix-loop-helix protein that forms a heterodimer with CLOCK. This heterodimer binds E-box enhancer elements upstream of Period (PER1, PER2, PER3) and Cryptochrome (CRY1, CRY2) genes and activates transcription of these genes. PER and CRY proteins heterodimerize and repress their own transcription by interacting in a feedback loop with CLOCK/ARNTL complexes. Defects in this gene have been linked to infertility, problems with gluconeogenesis and lipogenesis, and altered sleep patterns. The protein regulates interferon-stimulated gene expression and is an important factor in viral infection, including COVID-19. [provided by RefSeq, Oct 2021]	Isotype: IgG SWISS: O00327 Applications: IHC-P (1:400-800) IHC-F (1:400-800) IF (1:100-500) Reactivity: Human (predicted: Mouse, Rabbit, Pig, Sheep, Cow, Chicken) Predicted MW.: 69 kDa Subcellular Location: Cytoplasm ,Nucleus
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— VALIDATION IMAGES —

Paraformaldehyde-fixed, paraffin embedded (human 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 (BMAL1) Polyclonal Antibody, Unconjugated (bs-22927R) at 1:200 overnight at 4°C, followed by operating according to SP Kit(Rabbit) (sp-0023) instructions and DAB staining.