

产品名称: BMAL1 Rabbit Monoclonal Antibody
产品货号: AMRe87713



产品概述 (Summary)

产品名称 (Production Name)	BMAL1 Rabbit Monoclonal Antibody
描述 (Description)	Recombinant rabbit monoclonal antibody
宿主 (Host)	Rabbit
应用 (Application)	WB,IHC,ICC/IF,IP
种属反应性 (Reactivity)	Human, Mouse, Rat

产品性能 (Performance)

偶联物 (Conjugation)	Unconjugated
修饰 (Modification)	Unmodified
同种型 (Isotype)	IgG
克隆 (Clonality)	Monoclonal
形式 (Form)	Liquid
存放说明 (Storage)	Store at 4°C short term. Aliquot and store at -20°C long term. Avoid freeze/thaw cycles.
储存溶液 (Buffer)	Supplied in 50mM Tris-Glycine(pH 7.4), 0.15M NaCl, 40% Glycerol, 0.01% sodium azide and 0.05% protective protein. Stable for 12 months from date of receipt.
纯化方式 (Purification)	Affinity Purification

免疫原信息 (Immunogen)

基因名 (Gene Name)	BMAL1
别名 (Alternative Names)	TIC; JAP3; MOP3; ARNTL; PASD3; ARNTL1; BMAL1c; bHLHe5
基因 ID (Gene ID)	406, 11865, 29657
蛋白 ID (SwissProt ID)	O00327, Q9WTL8, Q9EPW1.

产品应用 (Application)

稀释比 (Dilution Ratio)	WB 1:500-1:2000,IHC 1:200-1:1000,ICC/IF 1:100-1:200,IP 1:20-1:40
蛋白分子量 (Molecular Weight)	Calculated MW:69 kDa; Observed MW:78 kDa

研究背景 (Background)

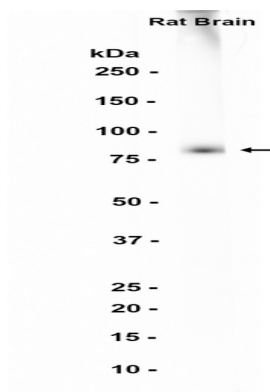
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The protein encoded by this gene is a basic helix-loop-helix protein that forms a heterodimer with CLOCK. This heterodimer binds E-box enhancer elements upstream of Period (PER1, PER2, PER3) and Cryptochrome (CRY1, CRY2) genes and activates transcription 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]

研究领域 (Research Area)

图片 (Image Data)



Western blot analysis of extracts from Rat brain tissue using AMRe87713 at 1:1000.

注意事项 (Note)

For research use only .