

BMAL1 rabbit pAb antibody

Catalog No :	Source:	Concentration :	Mol.Wt. (Da):
A11256	Rabbit	1 mg/ml	68762
Applications	WB,IHC,ELISA		
Reactivity	Human,Mouse,Rat		
Dilution	WB: 1:500 - 1:2000. IHC: 1:100-1:300. ELISA: 1:20000. Not yet tested in other applications.		
Storage	-20°C/1 year		
Specificity	BMAL1 Polyclonal Antibody detects endogenous levels of BMAL1 protein only when acetylation at K538.		
Source / Purification	The antibody was affinity-purified from rabbit antiserum by affinity-chromatography using epitope-specific immunogen.		
Immunogen	The antiserum was produced against synthesized peptide derived from human BMAL1 around the non-acetylation site of Lys538. AA range:501-550		
Uniprot No	O00327		
Alternative names	ARNTL; BHLHE5; BMAL1; MOP3; PASD3; Aryl hydrocarbon receptor nuclear translocator-like protein 1; Basic-helix-loop-helix-PAS protein MOP3; Brain and muscle ARNT-like 1Class E basic helix-loop-helix protein 5; bHLHe5; Member of PAS protein 3; PAS domain-containing protein 3; bHLH-PAS protein JAP3		
Form	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.		
Clonality	Polyclonal		
Isotype	IgG		
Conjugation			
Background	aryl hydrocarbon receptor nuclear translocator like(ARNTL) Homo sapiens 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. Several transcript variants encoding different isoforms have been found for this gene. [provided by RefSeq, Jul 2014],		
Other	ARNTL, Aryl hydrocarbon receptor nuclear translocator-like protein 1; BMAL1, MOP3, PASD3, Aryl hydrocarbon receptor nuclear translocator-like protein 1; Basic-helix-loop-helix-PAS protein MOP3; Brain and muscle ARNT-like 1Class E basic helix-loop-helix protein 5; bHLHe5; Member of PAS protein 3; PAS domain-containing protein 3; bHLH-PAS protein JAP3		

Product Images:**Application Key:**

WB-Western IP-Immunoprecipitation IHC-Immunohistochemistry ChIP-Chromatin Immunoprecipitation

IF-Immunofluorescence F-Flow Cytometry E-P-ELISA-Peptide

Species Cross-Reactivity Key:

H-Human M-Mouse R-Rat Hm-Hamster Mk-Monkey Vir-Virus Mi-Mink C-Chicken Dm-D. melanogaster

X-Xenopus Z-Zebrafish B-Bovine Dg-Dog Pg-Pig Sc-S. cerevisiae Ce-C. elegans Hr-Horse All-All

Species Expected

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