

## BMAL1 (phospho-Ser42) rabbit pAb

Catalog_no :	AP1278
Applications :	WB
Reactivity :	Human,Mouse,Rat
Category :	抗原抗体
Size :	100µg/50µg/20µg
Gene_name :	ARNTL BHLHE5 BMAL1 MOP3 PASD3
Protein_name :	BMAL1 (Ser42)
Humangene_id	<a href="#">406</a>
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Humanswissprot	<a href="#">O00327</a>
_no :	
Mousegene_id :	<a href="#">11865</a>
Mouseswissprot	<a href="#">Q9WTL8</a>
_no :	
Ratgene_id :	<a href="#">29657</a>
Ratswissprot_no	<a href="#">Q9EPW1</a>
:	
Immunogen :	Synthesized phosho peptide around human BMAL1 (Ser42)
Specificity :	This antibody detects endogenous levels of Human Mouse Rat BMAL1 (phospho-Ser42)
Formulation :	Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide.
Source :	Rabbit
Dilution :	WB 1:1000-2000
Purification :	The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen.
Concentration :	1 mg/ml
Storage_stability	-20°C/1 year
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Other_name :	Aryl hydrocarbon receptor nuclear translocator-like protein 1 (Basic-helix-loop-helix-PAS protein MOP3) (Brain and muscle ARNT-like 1) (Class E basic helix-loop-helix protein 5) (bHLHe5) (Member of PAS protein 3) (PAS domain-containing protein 3) (bHLH-PAS

protein JAP3)

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Molecular  
Weight :

69KD

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**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],

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