

BMAL1 (phospho-Ser42) rabbit pAb

Catalog No: #14041

Package Size: #14041-1 50ul #14041-2 100ul

Orders: order@signalwayantibody.comSupport: tech@signalwayantibody.com

Description

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|-----------------------|--|
| Product Name | BMAL1 (phospho-Ser42) rabbit pAb |
| Host Species | Rabbit |
| Clonality | Polyclonal |
| Purification | The antibody was affinity-purified from rabbit serum by affinity-chromatography using specific immunogen. |
| Applications | WB |
| Species Reactivity | Human;Mouse;Rat |
| Specificity | This antibody detects endogenous levels of Human Mouse Rat BMAL1 (phospho-Ser42) |
| Immunogen Description | Synthesized phosho peptide around human BMAL1 (Ser42) |
| Conjugates | Unconjugated |
| Other Names | 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) |
| Accession No. | Swiss Prot:O00327GeneID:406 |
| SDS-PAGE MW | 69 |
| Concentration | 1 mg/ml |
| Formulation | Liquid in PBS containing 50% glycerol, 0.5% BSA and 0.02% sodium azide. |
| Storage | -20°C/1 |

Application Details

WB 1:1000-2000

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],

Note: This product is for in vitro research use only and is not intended for use in humans or animals.