

# ARNTL Recombinant antibody

**Cat:**B36460S

**Company:** HaoKebio

**Uniprot ID:**O00327

**Applications:** IHC:1:1000-1:4000

**Organism:**Rabbit

**IHC-Polymer:**1:4000-1:16000

**Species reactivity:**Human Mouse Rat

**IHC-TSA:**1:5000-1:20000

**Molecular Weight Calculation:** 69 kDa

**IF:**1:50-1:200

**Observed Molecular Weight:** 69-75 kDa

**WB:**1:5000-1:50000

**Background:**

BMAL1, a basic helix-loop-helices with Per-Arn t-Sim (PAS) domain transcription factor, is one of components that has core clock function in mammals. It form a heterodimer with CLOCK, and induce the transcription of target genes by binding to E-box elements within their promoter regions. And this transcription is inhibited in a feedback loop by PER, and also by CRY proteins. Also BMAL1 is a key player in the regulation of metabolism, playing a role in adipogenesis and in the control of glucose and triglycerides levels. Due to phosphorylation modification, BMAL1 can be detected as a band in the range of 70-80 kda.

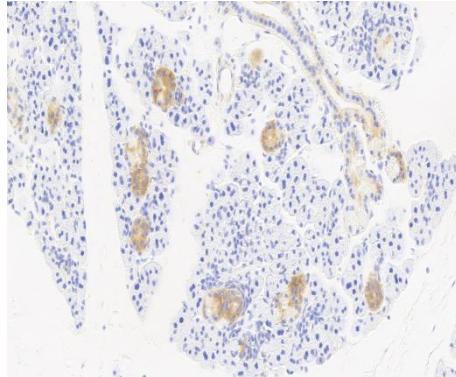
PBS with 0.02% sodium azide,100 µg/ml BSA and 50% glycerol.

**Storage:**

Store at -20 °C for one year.

**Experimental procedure:**

Antigen retrieval: Citrate buffer (pH 9.0) , Medium high heat for 8 minutes, stop for 7 minutes, medium high heat for 8 minutes. Incubate antibody, 4°C overnight. Secondary antibody: Poly-HRP Goat Anti-Rabbit & Mouse Universal Secondary Antibody, RT, 1h.

**Images:**


Sample: Mouse kidney, 4% PFA 12-24h

**Source of Reagents:**

发表[中文论文]请标注:ARNTL(B36460S)由杭州浩克生物技术有限公司提供;

发表[英文论文]请标注:ARNTL(B36460S) were kindly provided by Hangzhou Haoke Biotechnology Co., Ltd.

**Synonyms:**

BMAL1, ARNT3, Aryl hydrocarbon receptor nuclear translocator-like protein 1, Basic helix-loop-helix ARNT-like protein 1, Basic-helix-loop-helix-PAS protein MOP3

**Immunogen:**

Recombinant protein

**Isotype:**

IgG

**Subcellular location:**

Nucleus

**Purity:**

Affinity purification

**Form:**

Liquid

**Storage Buffer:**