

## Anti-ARNTL antibody

<b>Cat. No.</b>	ml221991
<b>Package</b>	25 µl/100 µl/200 µl
<b>Storage</b>	-20°C, pH7.4 PBS, 0.05% NaN <sub>3</sub> , 40% Glycerol

### Product overview

<b>Description</b>	Anti-ARNTL rabbit polyclonal antibody
<b>Applications</b>	ELISA, WB
<b>Immunogen</b>	Fusion protein of human ARNTL
<b>Reactivity</b>	Human, Mouse, Rat
<b>Content</b>	0.6 mg/ml
<b>Host species</b>	Rabbit
<b>Ig class</b>	Immunogen-specific rabbit IgG
<b>Purification</b>	Antigen affinity purification

### Target information

<b>Symbol</b>	ARNTL
<b>Full name</b>	aryl hydrocarbon receptor nuclear translocator-like
<b>Synonyms</b>	TIC; JAP3; MOP3; BMAL1; PASD3; BMAL1c; bHLHe5
<b>Swissprot</b>	O00327

### Target Background

The protein encoded by this gene is a basic helix-loop-helix protein that forms a heterodimer with CLOCK. This complex binds an E-box upstream of the PER1 gene, activating this gene and possibly other circadian rhythm-associated genes. Three transcript variants encoding two different isoforms have been found for this gene.

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#### Applications

##### Western blotting

Predicted band size:69 kDa

Positive control:Hela cells, mouse heart and stomach tissue

Recommended dilution: 200-1000

Gel: 6%SDS-PAGE

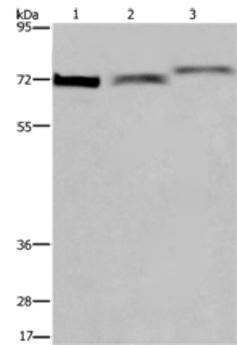
Lysate: 40 µg

Lane 1-3: Hela cells, mouse heart tissue, Mouse stomach tissue

Primary antibody: ml221991(ARNTL Antibody) at dilution 1/300

Secondary antibody: Goat anti rabbit IgG at 1/8000 dilution

Exposure time: 1 minute



#### ELISA

Recommended dilution:1000-2000

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