

Datasheet for ABIN7236374

**anti-ARNTL antibody**[Go to Product page](#)**1** Image

## Overview

Quantity:	200 µL
Target:	ARNTL
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARNTL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Immunogen:	Recombinant protein of human ARNTL
Isotype:	IgG
Characteristics:	Polyclonal Antibody
Purification:	Affinity purification

## Target Details

Target:	ARNTL
Alternative Name:	ARNTL ( <a href="#">ARNTL Products</a> )
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.

Target Details

Molecular Weight:	69 kDa
UniProt:	<a href="#">O00327</a>
Pathways:	<a href="#">Regulation of Lipid Metabolism by PPARalpha</a> , <a href="#">Protein targeting to Nucleus</a> , <a href="#">Warburg Effect</a>

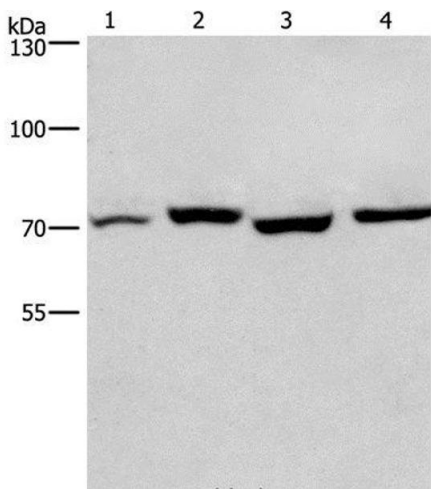
Application Details

Application Notes:	WB 1:500-1:2000
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	0.9 mg/mL
Buffer:	PBS with 0.05 % sodium azide and 50 % glycerol, PH7.4
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	Store at -20°C. Avoid freeze / thaw cycles.

Images



**Western Blotting**

**Image 1.** Western Blot analysis of Human fetal liver and Mouse stomach tissue, hela and hepG2 cell using ARNTL Polyclonal Antibody at dilution of 1:450