

Datasheet for ABIN7450039
anti-ARNTL antibody (AA 575-625)



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Overview

Quantity:	100 µg
Target:	ARNTL
Binding Specificity:	AA 575-625
Reactivity:	Human, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARNTL antibody is un-conjugated
Application:	Western Blotting (WB), Immunoprecipitation (IP)

Product Details

Purpose:	Rabbit anti-BMAL1 Antibody, Affinity Purified
Immunogen:	between AA 575 and 625
Isotype:	IgG
Predicted Reactivity:	Rat,Chicken,Horse,Golden hamster,Orangutan
Purification:	Affinity Purified

Target Details

Target:	ARNTL
Alternative Name:	BMAL1 (ARNTL Products)
Background:	Background: BMAL1 [brain and muscle aryl hydrocarbon receptor nuclear translocator (ARNT)-

Target Details

	like 1] 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 [taken from NCBI Entrez Gene (GeneID: 406)].
Gene ID:	406
NCBI Accession:	NP_001025443
UniProt:	O00327
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Protein targeting to Nucleus , Warburg Effect

Application Details

Application Notes:	IP: 2 - 10 µg/mg lysate WB: 1:2,000 - 1:10,000
Restrictions:	For Research Use only

Handling

Concentration:	1000 µg/mL
Buffer:	Tris-citrate/phosphate buffer, pH 7 to 8 containing 0.09 % Sodium Azide
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:	4 °C
Expiry Date:	12 months