

Datasheet for ABIN215007 **anti-ARNTL antibody**



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Overview

Quantity:	50 µg
Target:	ARNTL
Reactivity:	Drosophila melanogaster
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This ARNTL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

Product Details

Immunogen:	A 22 amino acid peptide of drosophila BMAL1 (1). Type of Immunogen: Synthetic peptide
Isotype:	IgG
Specificity:	Recognizes drosophila BMAL1. The immunogen shows no significant sequence homology with mammalian Clock or Per proteins. Significant homology is seen with mammalian USFs (Upstream Stimulatory Factors 1 and 2) and human and mouse BMAL1 and ARNTs.
Purification:	Immunoaffinity purified

Target Details

Target:	ARNTL
Alternative Name:	ARNTL / BMAL1 (ARNTL Products)

Target Details

Background:	Name/Gene ID: ARNTL
	Synonyms: ARNTL, BHLH-PAS protein JAP3, BHLHe5, BMAL1c, JAP3, PASD3, Member of PAS protein 3, MOP3, TIC, Brain and muscle ARNT-like 1, Member of PAS superfamily 3
Gene ID:	406
UniProt:	O00327
Pathways:	Regulation of Lipid Metabolism by PPARalpha , Protein targeting to Nucleus , Warburg Effect

Application Details

Application Notes:	Approved: ELISA (0.5 - 1 µg/mL), WB (1 - 10 µg/mL)
	Usage: Suitable for use in ELISA and Western Blot. ELISA: 0.5-1 µg/mL using 1 µg/mL. Western Blot: 1-10 µg/mL using ECL.
Comment:	Target Species of Antibody: Drosophila
Restrictions:	For Research Use only

Handling

Format:	Liquid
Concentration:	Lot specific
Buffer:	PBS, pH 7.4, 0.1 % BSA, 0.1 % 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,-20 °C
Storage Comment:	Short term: 4°C, Long term: aliquot to Avoid freeze-thaw cycles, and store at -20°C.