

# Datasheet for ABIN335124 anti-ARNTL antibody (Internal Region)

Image



#### Overview

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Quantity:	100 µg
Target:	ARNTL
Binding Specificity:	Internal Region
Reactivity:	Human
Host:	Goat
Clonality:	Polyclonal
Conjugate:	This ARNTL antibody is un-conjugated
Application:	Western Blotting (WB), ELISA

## Product Details

Purpose:	BMAL1 / ARNTL
Immunogen:	Peptide with sequence REKITTNCYKFKIKD, from the internal region of the protein sequence according to NP_001169.3, NP_001025444.1.
Sequence:	REKITTNCYK FKIKD
lsotype:	lgG
Specificity:	This antibody is expected to recognize both reported isoforms (NP_001025444.1, NP_001025443.1). Reported variants represent identical protein (NP_001025443.1, NP_001169.3).
Cross-Reactivity:	Cow, Dog, Human, Mouse, Pig, Rat
Purification:	Purified from goat serum by ammonium sulphate precipitation followed by antigen affinity

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#### Product Details

chromatography using the immunizing peptide.
Verified
ARNTL
ARNTL (ARNTL Products)
ARNTL, BMAL1, aryl hydrocarbon receptor nuclear translocator-like, BMAL1c, JAP3, MGC47515, MOP3, PASD3, TIC, ARNT-like protein 1, brain and muscle, bHLH-PAS protein JAP3, basic-helix-loop-helix-PAS orphan MOP3, member of PAS superfamily 3
406, 11865, 29657
NP_001169, NP_001025444
Regulation of Lipid Metabolism by PPARalpha, Protein targeting to Nucleus, Warburg Effect

### Application Details

Application Notes:	Western Blot: Approx. 70+75 kDa bands observed in Human Brain (Cerebellum) lysates
	(calculated MW of 68.7 kDa according to NP_001169.3 and 64.1 kDa according to
	NP_001025444.1). Recommended concentration: 0.3-1 µg/mL.
	Peptide ELISA: antibody detection limit dilution 1:8000.
Restrictions:	For Research Use only

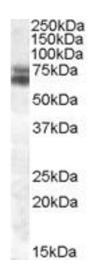
## Handling

Format:	Liquid
Concentration:	0.5 mg/mL
Buffer:	Supplied at 0.5 mg/mL in Tris saline, 0.02 % sodium azide, pH 7.3 with 0.5 % bovine serum albumin.
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Handling Advice:	Minimize freezing and thawing.
Storage:	-20 °C

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Aliquot and store at -20°C, with minimal freeze/thawing. A working aliquot may be refrigerated at 4°C for a few weeks and still remain viable.

Images



Western Blotting
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**Image 1.** ABIN335124 (0.3µg/ml) staining of Human Brain (Cerebellum) lysate (35µg protein in RIPA buffer). Primary incubation was 1 hour. Detected by chemiluminescence.

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